



RESULT 2  
US-09-328-111-371/c  
; Sequence 371, Application US/0542811  
; Patent No. 6263323

```

GENERAL INFORMATION:
APPLICANT: Endrey, Wilson O.
APPLICANT: Steinmann, Kathleen E.
APPLICANT: Asile, Jon H.
APPLICANT: Burgess, Christopher C.
APPLICANT: Busnell, Steven F.
APPLICANT: Carroll III, Eddie
APPLICANT: Catho, Theodore J
APPLICANT: Delti, Adam
APPLICANT: Ford, Donna M.
APPLICANT: Lewis, Marcia E.
APPLICANT: Monahan, John E.
APPLICANT: Schlegel, Robert
TITLE OF INVENTION: NOVEL HUMAN CHIPS AND GENE EXPRESSION
TITLE OF INVENTION: PRODUCTS
FILE REFERENCE: CDD-257 (US)
CURRENT APPLICATION NUMBER: US/09/328,111
CURRENT FILING DATE: 1999-06-08
PARIETER APPLICATION NUMBER: US 68/0086,801
PARIETER FILING DATE: 1998-06-10
NUMBER OF SEQ. ID NOS.: 850
SOFTWARE: FASTA SEQ FOR WINDOWS VERSION 3.0
SEQ ID NO 371
LENGTH: 615
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) (615)
OTHER INFORMATION: n - A,T,C or G
US-09-328-111 371

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Query Match:	58.28,	Score 335.2,	DB 4,	Length 615,
Best Local Similarity	86.94,	Prod. No. 1e-100,		
Matches 419,	Conservative	0,	Mismatches 56,	Indels 6,
				Gaps 4

[illegible]

RESULT 3  
US-08-894-251A-1  
Sequence 1, Application US/08894251A  
Date of Invention: 08/08/2008

```

1  PARENT NO.: 0453505
2  GENPAT: INFORMATION
3  APPLICANT: Shionu McIned (inventor)
4  APPLICANT: Ith Pel (inventor)
5  TITLE OF INVENTION: Plutitary-Tumor-Transforming Genes, and
6  TITLE OF INVENTION: Related Products
7  FILE REFERENCE: P07 30556 (80392)
8  CURRENT APPLICATION NUMBER: US/08/894,251A
9  CURRENT FILING DATE: 1999-07-23
10 PRIOR APPLICATION NUMBER: PCT/US97/21463
11 PRIOR FILING DATE: 1997-11-21
12 PRIOR APPLICATION NUMBER: US 60/031,338
13 PRIOR FILING DATE: 1995-11-21
14 NUMBER OF SEQ ID NOS: 7
15 SOFTWARE: FastSeq for Windows Version 4.0
16 SEQ ID NO 1
17 LENGTH: 974
18 TYPE: DNA
19 ORGANISM: Paltus raltus
20 US-08-894-251A-1

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Query Match	56.08;	Score 322.8;	DB 4;	length 974;
Best Local Similarity	74.28;	Fred No 1	6e-06;	
Matches 439;	Conservative	0;	Mismatches 127;	Indels 10;
				Gaps 3

[illegible]

69 73 AAGCTGGAGCTTAGAGCTTCAATCAACCAATAGATGGCAATATCTCAAGTTTACACCA 132

CUT 205 ACCACCGTACCACCAAACTTTTCATGAGCAGTGGCTCCGCTG

1

1



LENGTH: 4707 base pairs  
TYPE: nucleic acid

STRANDEDNESS: double  
 TOPOLOGY: not relevant  
 HYPOTHEICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: N-terminal  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 363..4298  
 US-08-811-492-2

Query Match 5.68; Score 32.4; DB 2; Length 4707;  
 Best Local Similarity 55.34; Pred. No. 2;  
 Matches 63; Conservative 0; Mismatches 51; Indels 0; Gaps 0;

UY 307 TCCTGTCCTGCTGAGATGACGCGCTATGCGAATAATACAAAAATCTTCCTTCATCTT 366  
 DB 2283 TCCTGTCCTGCTGAGATGACGCGCTATGCGAATAATACAAAAATCTTCCTTCATCTT 2224  
 UY 367 CTAAATTTGAAATTTTAAATTTAAATTTAAATTTAAATTTAAATTTAAATTTAAATTT 420  
 DB 2223 GAAATTTAAATTTTAAATTTAAATTTAAATTTAAATTTAAATTTAAATTTAAATTT 2170

# RESULT 13

Sequence 2, Application FC/TS9610745A

GENERAL INFORMATION:  
 APPLICANT: GOMH, DONALD G.  
 APPLICANT: PERIER, FRANKLINE B.  
 APPLICANT: JACK, WILLIAM E.  
 APPLICANT: XU, MIN-QUN  
 APPLICANT: HOBBS, ROBERT A.  
 APPLICANT: NIKEN, CHRISTOPHER J.  
 TITLE OF INVENTION: MODIFIED PROTEINS AND METHODS OF THEIR  
 NUMBER OF SEQUENCES: 77  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.  
 STREET: 32 DEVER ROAD  
 CITY: HEVERLY  
 STATE: MASSACHUSETTS  
 COUNTRY: USA  
 ZIP: 01915  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US96/10545A  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/590,555  
 FILING DATE: 29-DEC-1995  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/494,217  
 FILING DATE: 28-JUN-1995  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/146,885  
 FILING DATE: 03-NOV-1993  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/004,119  
 FILING DATE: 09-DEC-1992  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: WILLIAMS, GREGORY D.  
 REGISTRATION NUMBER: 30901  
 REFERENCE/DOCKET NUMBER: NEB-036C2  
 TELECOMMUNICATION INFORMATION:

TELEPHONE: (508) 927-5544  
 TELEFAX: (508) 927-1706  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 4707 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: not relevant  
 HYPOTHEICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: N-terminal  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 363..4298  
 PCT-US96-10545A-2

Query Match 5.68; Score 32.4; DB 2;  
 Best Local Similarity 55.34; Pred. No. 2;  
 Matches 63; Conservative 0; Mismatches 51;  
 UY 307 TCCTGTCCTGCTGAGATGACGCGCTATGCGAATAATACAAAAATCTTCCTTCATCTT 366  
 DB 2283 TCCTGTCCTGCTGAGATGACGCGCTATGCGAATAATACAAAAATCTTCCTTCATCTT 2224  
 UY 367 CTAAATTTGAAATTTTAAATTTAAATTTAAATTTAAATTTAAATTTAAATTTAAATTT 420  
 DB 2223 GAAATTTAAATTTTAAATTTAAATTTAAATTTAAATTTAAATTTAAATTTAAATTT 2170

# RESULT 14

Sequence 1, Application US/09-20978

GENERAL INFORMATION:  
 APPLICANT: McKay, Larry  
 APPLICANT: Polzin, Kayla  
 TITLE OF INVENTION: PATHOGEN INTERACTION VECT  
 TITLE OF INVENTION: IMMUNOLOGICAL ANTIGENIC STIMULI  
 NUMBER OF SEQUENCES: 5  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: MERCHANT N. CHILL  
 STREET: 3100 NO. 54TH AVE  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.2  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US96/20978  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/146,885  
 FILING DATE: 25-FEB-1992  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kowalczyk, Alan W.  
 REGISTRATION NUMBER: 41,545  
 REFERENCE/DOCKET NUMBER: 600-229-08-01  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 612-332-5400  
 TELEFAX: 612-332-5081  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1506 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (mRNA)

TELEPHONE: (508) 927-5544  
 TELEFAX: (508) 927-1706  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1506 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (mRNA)

ANTI-SENSE: NO  
 ORIGINAL SOURCE:  
 ORGANISM: Lactococcus lactis subsp cremoric  
 STRAIN: SK11  
 IMMEDIATE SOURCE:  
 CLONE: ORI Site/open reading frame of Pef111  
 POSITION IN CHROMOSOME:  
 UNITS: bp  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 345..1496  
 US-08-220-958-1

Query Match 5.5%; Score 31.8; DB 1; Length 1506;  
 Best Local Similarity 53.7%; Pred. No. 1.7;  
 Matches 66; Conservative 0; Mismatches 57; Indels 0; Gaps 0;

QY 264 TTTCTGCGCAAAAGATGACGACAGCTGTTAAACAAAGCTGCTGCTGACGA 323  
 DB 992 TTTTGAAGAAAGATATTAAGATGCAATTAAGAAATATTTCTTACTCATTTTAA 1051  
 QY 324 TGAAGCTATCCAGAAATAGAAAAATCTTCTTCACTCTTACGCTTGAAGCTT 383  
 DB 1052 TCTTGAATATTAAGAAATAGAAAAAGACGCTCAATTCATTCATTCATTAATAGT 1111  
 QY 384 TGA 386  
 DB 1112 TGA 1114

## RESULT 15

US-07-638-431-1/C

Sequence 1, Application US/07638431

Patent No. 5198535

GENERAL INFORMATION:

APPLICANT: Hoffman, Stephen L.

APPLICANT: Charonvitt, Yupin

APPLICANT: Hedstrom, Richard

APPLICANT: Khusmith, Srisin

APPLICANT: Rogers IV, William O.

TITLE OF INVENTION: Protective malaria sporozoite surface protein

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: A. David Spevack

STREET: NMDC Building 1T-12 National Naval

STREET: Medical Center

CITY: Bethesda

STATE: MD

COUNTRY: USA

ZIP: 20814-5044

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.24

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/638,431

FILING DATE: 19910110

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Spevack, Avrom D.

TELECOMMUNICATION INFORMATION:

TELEPHONE: (301) 295-6759

TELEFAX: (301) 295-4033

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 4673 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: N  
 ANTI-SENSE: N  
 ORIGINAL SOURCE:  
 ORGANISM: Plasmodium yoelii  
 STRAIN: 17X(NL)  
 DEVELOPMENTAL STAGE: erythrocytic stage  
 TISSUE TYPE: blood  
 CELL TYPE: erythrocytic stage  
 IMMEDIATE SOURCE:  
 LIBRARY: Py-lambda9.11-2-7 kb genomic expression  
 CLONE: Py10.1111  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 718..3195  
 OTHER INFORMATION:  
 US-07-638-431-1

Query Match 5.5%; Score 31.6; DB 1; Length 4673;  
 Best Local Similarity 55.5%; Pred. No. 3.7;  
 Matches 61; Conservative 0; Mismatches 49; Indels 0; Gaps 0;

QY 243 AAAACAAAACAGCCAGCTTTTCTGCCAAAAGATGACGAGAGCTTAAACAA 302  
 DB 4188 AAAACAAAACAGCTTTTCTTTTGTAAATGCAAGAGAGATTAATATTAATTA 4129  
 QY 303 AAGTTCCTGCTGCTGACATGACGCTTATTCAGAAATTAACAAAATTCG 352  
 DB 4128 AATGCTCATATTTTTCAAAACGAAATTCAGAAATTTGATTTGT 4079

Search completed: December 26, 2002, 23:14:01  
 Job time : 84 secs









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166 AAGATGGGCTAAGCTGGAGGTGGAGGCTGATGATGAAAGGCTTAAATGAGATGAAATCTGAA 225
121 GTTTTAACACACAGCTTTTGGGAAAACATACAGATGCTTGCATAGCTTACCTAAACCTACG 180
126 CTTTCAACACACAGCTTTTGGGAAAACATACAGATGCTTGCATAGCTTACCTAAACCTACG 285
181 AGAAAGGCTTTGAGATCTTAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 240
286 AGAAAGGCTTTGAGATCTTAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 345
241 AGAAAGGCTTTGAGATCTTAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 300
346 CTTAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 405
301 AAAGAGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360
406 AAAGAGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 465
361 AATCTCTACATCTTAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 420
466 AATCTCTACATCTTAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 525
421 TTGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGG 480
526 TTGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGG 585
481 GTGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGG 540
586 GTGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGG 644
541 GTCTCTTCAAGCATTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 576
645 GTCTCTTCAAGCATTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 680

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# RESULT 6

US-09-745-763-118  
Sequence 118, Application US/09745763  
Patent No. US20020065394A1

## GENERAL INFORMATION:

APPLICANT: Jacobs, Kenneth  
McToy, John M.  
Lavallee, Edward R.  
Collins-Raele, Lisa A.  
Evans, Cheryl  
Moberg, David  
Troey, Maurice  
Spaulding, Vikki

TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES  
ENCODING THEM

NUMBER OF SEQUENCES: 219

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genetics Institute, Inc.  
STREET: 89 CambridgePark Drive  
CITY: Cambridge  
STATE: MA  
COUNTRY: U.S.A.

ZIP: 02140

COMPUTER AVAILABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/745,763  
FILING DATE: 18-Jun-2000  
CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:  
NAME: Sprunger, Suzanne A.  
REGISTRATION NUMBER: 41,323

TELEPHONE: (617) 498-8284  
TELEFAX: (617) 876-5851

1 INFORMATION FOR SEQ ID NO: 118:  
2 SEQUENCE CHARACTERISTICS:  
3 LENGTH: 819 base pairs  
4 TYPE: nucleotide  
5 STRAIN/GENES: double  
6 TOPOLOGY: linear  
7 MOLECULE TYPE: cDNA  
8 SEQUENCE DESCRIPTION: SEQ ID NO: 118:  
9 US-09-745-763-118

Query Match 89.0% Score 512.4 DB 10 Length 819  
Best Local Similarity 94.1% Pval 2.3e-146  
Matches 542 Conservative 11 Mismatches 421 Gaps 11

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1 ATGGCTACGTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 60
99 ATGGCTACGTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 158
61 AAGGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 220
159 AAGGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 278
121 GTTCTAAACAGATTTTGGGAAAACATACAGATGCTTGCATAGCTTACCTAAACCTACG 340
219 GTTCTAAACAGATTTTGGGAAAACATACAGATGCTTGCATAGCTTACCTAAACCTACG 398
181 AAGGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 240
279 AAGGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 338
241 AAGGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
339 CTTAAAGGCTTTGGGAAAACATACAGATGCTTGCATAGCTTACCTAAACCTACG 358
301 AAAGAGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360
399 AAAGAGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 458
461 AATCTCTACATCTTAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 420
459 AATCTCTACATCTTAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 518
421 TTGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGG 480
519 TTGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGG 578
481 GTGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGG 540
579 GTGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGG 637
541 GTCTCTTCAAGCATTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 576
638 GTCTCTTCAAGCATTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 674

```

# RESULT 7

US-10-202-193-154  
Sequence 154, Application US/10202193  
Publication No. US20020192699A1

## GENERAL INFORMATION:

APPLICANT: Zhang, Jimmy  
APPLICANT: Astel, Jon H.  
APPLICANT: Carroll III, Eddie  
APPLICANT: Ford, Donna M.  
APPLICANT: Monahan, John E.  
APPLICANT: Schleppel, Robert  
APPLICANT: Steinmann, Kathleen E.

TITLE OF INVENTION: GENE EXPRESSION PRODUCTS THAT  
DIFFERENTIALLY REGULATE IN PROSTATE CANCER

PATENT REFERENCE: P-01532, 103/200130, 463D1  
CURRENT APPLICATION NUMBER: US/10/202,193  
CURRENT FILING DATE: 2002-07-23







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? Patent No. US2002016637A1
? GENERAL INFORMATION:
? APPLICANT: Wang, Tongtong
? APPLICANT: Hanqun, Chaitanya S.
? APPLICANT: Lodes, Michael A.
? APPLICANT: Fanget, Gary
? APPLICANT: Vedvick, Tom
? APPLICANT: Carlet, Darlick
? APPLICANT: Ketter, Marc
? APPLICANT: Mamoun, Jane
? APPLICANT: Fan, Liqun
? TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
? FILE REFERENCE: 210121.478C15
? CURRENT APPLICATION NUMBER: US/09/736,457
? NUMBER OF SEQ ID NOS: 1864
? SOFTWARE: FASTSEQ for Windows Version 4.0
? SEQ ID NO 1758
? LENGTH: 473
? TYPE: DNA
? ORGANISM: Homo sapiens
US-09-736,457-1758

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Query Match          73.5%; Score 423.4; DB 9; Length 473;
Best Local Similarity 93.4%; Pred. No. 2,36-119;
Matches 442; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

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QY 8 CTGTGATCTATGTTTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 67
DB 473 CTGTGATCTATGTTTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 414
QY 68 TGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 127
DB 413 GGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 354
QY 128 GATGACCTTTTGGTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 187
DB 353 GATGACCTTTTGGTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 294
QY 188 GTTGGGACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 247
DB 293 GTTGGGACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 234
QY 248 AAAAAGACCTTTTGGTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 307
DB 233 AAAAAGACCTTTTGGTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 174
QY 308 GTTGGGACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 367
DB 173 GTTGGGACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 114
QY 368 TAACTTTGAGAGTTTGAATTTGAAAGAGGCTTGAATTTGAACTTTGAGGATG 427
DB 113 TAACTTTGAGAGTTTGAATTTGAAAGAGGCTTGAATTTGAACTTTGAGGATG 54
QY 428 GAGTGGCTTCAGATGATGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 480
DB 53 GAGTGGCTTCAGATGATGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1

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RESULT 15
US-09-902-941-1758/C
? Sequence 1758, Application US/9902941
? GENERAL INFORMATION:
? APPLICANT: Henderson, Robert A.
? APPLICANT: Wang, Tongtong
? APPLICANT: Watanabe, Yoshitiro
? APPLICANT: Johnson, Jeffrey C.
? APPLICANT: Keller, Marc W.
? APPLICANT: Marnerakis, Margarita

```

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? APPLICANT: Carlet, Darlick
? APPLICANT: Fanget, Gary R.
? APPLICANT: Vedvick, Thomas S.
? APPLICANT: Hanqun, Chaitanya S.
? APPLICANT: McNabb, Andria
? TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
? FILE REFERENCE: 210121.478C17
? CURRENT APPLICATION NUMBER: US/09/902,941
? NUMBER OF SEQ ID NOS: 2002
? SOFTWARE: FASTSEQ for Windows Version 4.0
? SEQ ID NO 1758
? LENGTH: 473
? TYPE: DNA
? ORGANISM: Homo sapiens
US 09 902-941-1758

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Query Match          73.5%; Score 423.4; DB 9; Length 473;
Best Local Similarity 93.4%; Pred. No. 2,36-119;
Matches 442; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

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QY 8 CTGTGATCTATGTTTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 67
DB 473 CTGTGATCTATGTTTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 414
QY 68 TGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 127
DB 413 GGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 354
QY 128 GATGACCTTTTGGTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 187
DB 353 GATGACCTTTTGGTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 294
QY 188 GTTGGGACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 247
DB 293 GTTGGGACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 234
QY 248 AAAAAGACCTTTTGGTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 307
DB 233 AAAAAGACCTTTTGGTAAAGAAATTTGGAGAACGACCTGCGTGTGGTGGTGGAGGATG 174
QY 308 GTTGGGACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 367
DB 173 GTTGGGACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAACTGTGAA 114
QY 368 TAACTTTGAGAGTTTGAATTTGAAAGAGGCTTGAATTTGAACTTTGAGGATG 427
DB 113 TAACTTTGAGAGTTTGAATTTGAAAGAGGCTTGAATTTGAACTTTGAGGATG 54
QY 428 GAGTGGCTTCAGATGATGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 480
DB 53 GAGTGGCTTCAGATGATGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1

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Search completed: December 27, 2002, 00:11:46
Job time : 60 secs

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Query Match:	89.08;	Score 512.8;	DB 6;	Length 779;
Host Local Similarity	94.38;	Prod. No. 2.2e-143;		
Matches 543;	Conservative 0;	Mismatches 32;	Indels 1;	Gaps 1;

QY 1 ATGGGCACTCTATCTTACTGATGAGCAATTCAGCAAGCACTGATGCTGGTGG 60  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 DB AGGAGTACCTGCAATGATGCTGATCAAGCAAAATGCAACGACGAGCAGCGCTGTCGCT 154  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 QY 61 AAGGATCTGTGAGGCTTGAGCTTCAAGCTTCAATCAAACTATTGATGAGATATCTCAAA 120  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

RESULT 3  
US-10-283-797-3  
Sequence 3, Application US/10283797

```

1  GENERAL INFORMATION:
2  APPLICANT: Cedars-Sinai Medical Center (Assignee);
3  APPLICANT: Gregory A. Horwitz (Inventor);
4  APPLICANT: Xun Zhang (Inventor);
5  APPLICANT: Shlomo Melamed (Inventor)
6  TITLE OF INVENTION: Carboxy-Tumor Transforming Gene (PTG)
7  TITLE OF INVENTION: Carboxy-Terminal Peptides and Methods of Use thereof to
8  TITLE OF INVENTION: Inhibit Neoplastic Cellular Proliferation and/or
9  TITLE OF INVENTION: Transfection
10 FILE REFERENCE: CEDAR-044527
11 CURRENT APPLICATION NUMBER: US/10/283,797
12 CURRENT FILING DATE: 2002.10.29
13 PRIOR APPLICATION NUMBER: US/09/569,956
14 PRIOR FILING DATE: 2000-05.12
15 PRIOR APPLICATION NUMBER: US 08/894,251
16 PRIOR FILING DATE: 1999-07-23
17 PRIOR APPLICATION NUMBER: PCT/US97/21463
18 PRIOR FILING DATE: 1997-11-21
19 PRIOR APPLICATION NUMBER: US 60/031,338
20 PRIOR FILING DATE: 1996-11-21
21 NUMBER OF SEQ ID NOS: 19
22 SOFTWARE: FASTSEQ for Windows Version 4.0
23 SEQ ID NO 3
24 LENGTH: 779
25 TYPE: DNA
26 ORGANISM: Homo sapiens
27 US-10-283-797-3

```

Query Match	89.0%	Score 512.8	DB 6	Length 779
Best Local Similarity	94.38	Fred. No. 143		
Matches 543, Conservative	0	Mismatches 32	Indels 1	Gaps 1

  

QY	1	AATGGCTACTGTCGATCAAGGAAATATGCAACCAATATGACGCTGATGGTTCGCC	60
DB	95	ATGAGATATCTATTTATTTATATATATATATATATATATATATATATATATATATAT	154







TYPE:	DNA
ORGANISM:	Homo sapiens
US-10-283	017-1758
Query Match	73.5%
Best Local Similarity	93.48%
Matches	442
Conservative	0
Mismatches	31
Indels	0
Gaps	0
Query	8 CTCTGATCTACGTTGCAATAGGAAATTTGGAAACACACCCCGTGTGCGTCAAGCATG 67
Ref	473 CTCTGATCTACGTTGCAATAGGAAATTTGGAAACACACCCCGTGTGCGTCAAGCATG 414
Query	68 TATGAAGCTGAGATCTAAGCTTTAATTAAGGATATAGATGAGATATCTGAAATTITAA 127

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2b 413 GCGTGAAGGCTGGAGTCTGTGAGCTTTCATCGAAGAGCTTAGAGTGGGACATCTGCAAGCTTTGCA 39
QY 128 CACCAGCTTTGGCAAAAGATATACGATCTGTCAATCAGCTTACCTTAAGTATAGCAAAAG 187
DL 353 CACCAAGTTTGGCAAAAAGTATACGATCTGTCAAGAGAGAGCTTACCTTAAGTATAGCAAAAG 294
QY 188 CTTCGACATCTGCACACAGCAAGCAACAGCAAAAGTACGTAAGACAGCAAGCAAGCAAGCAAAAG 247
Db 293 CTTCGCAATCTGCACACAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAG 244
QY 248 AAAAAAGCAAGCAAGCTTTTGTGCAAAAAGATGACAGCAAAAGCTGTATAAACAAAAGCTT 307
Db 243 AAAAAAGCAAGCAAGCTTTTGTGCAAAAAGATGACAGCAAAAGCTGTATAAACAAAAGCTT 174
QY 408 CTCTCTCTCTCTGACATACAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAG 365
Db 173 CTCTCTCTCTCTGACATACAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAG 114
QY 368 TAGACCTTTGAGAGATTTTGTGACCTCTGTGAAAGAGAGAGAGATGTATACAGCTCTGCTGACATC 427
Db 113 TAGACCTTTGAGAGATTTTGTGACCTCTGTGAAAGAGAGAGATGTATACAGCTCTGCTGACATC 54
QY 428 GAGTGTCTTTATGATTTTATATATATATATATATATATATATATATATATATATATATATAT 480
Db 53 GAGTGTCTTTATGATTTTGTGACCTCTGTGAAAGAGAGAGATGTATACAGCTCTGCTGACATC 1
RESULT 11
05-19_264_372-1
Sequence 1, Application US/10264372
GENERAL INFORMATION:
APPLICANT: Anthony P. Heaney (inventor)
APPLICANT: Shlomo Meimed (inventor)
TITLE OF INVENTION: Transgenic Cells Transfected with Pituitary
TITLE OF INVENTION: Tumor Transforming Gene (PTTG) Expression Vectors
TITLE OF INVENTION: and uses thereof
FILE REFERENCE: 18810-82251
CURRENT APPLICATION NUMBER: US/10/264,372
CURRENT FILING DATE: 2002-10-04
PRIORITY APPLICATION NUMBER: US 09/854,326
PRIORITY FILING DATE: 2001-05-11
PRIORITY APPLICATION NUMBER: US 09/777,422
PRIORITY FILING DATE: 2001-02-05
PRIORITY APPLICATION NUMBER: US 09/730,469
PRIORITY FILING DATE: 2000-012-04
PRIORITY APPLICATION NUMBER: US 09/687,911
PRIORITY FILING DATE: 2000-10-13
PRIORITY APPLICATION NUMBER: US 09/569,956
PRIORITY FILING DATE: 2000-05-12
PRIORITY APPLICATION NUMBER: US 08/894,251
PRIORITY FILING DATE: 1999-07-23
PRIORITY APPLICATION NUMBER: PCT/US97/21463
PRIORITY FILING DATE: 1997-11-21
PRIORITY APPLICATION NUMBER: US 60/031,338
PRIORITY FILING DATE: 1996-11-21
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO. 1
LENGTH: 974

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PRIOR APPLICATION NUMBER: US/09/569,956  
PRIOR FILING DATE: 2000-05-12  
PRIOR APPLICATION NUMBER: US 08/894,251  
PRIOR FILING DATE: 1999-07-23  
PRIOR APPLICATION NUMBER: PCT/US97/21463  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/031,338  
PRIOR FILING DATE: 1996-11-21  
NUMBER OF SEQ ID NOS: 19  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO: 1  
LENGTH: 974  
TYPE: DNA  
ORGANISM: Rattus rattus  
US-10-284-126-1

Query Match 56.0%; Score 322.8; DB 6; Length 974;  
Host Local Similarity 76.2%; Prod. No. 1.3e-86;  
Matches 439; Conservative 0; Mismatches 127; Indels 10; Caps 3;

UY 1 ATGGCTACTGCTGATCTAGCTGATGAAGAAATTGGAGAACGAGACGCGCTGCTGGC 60  
DB 293 ATGGCTACTGCTGATCTAGCTGATGAAGAAATTGGAGAACGAGACGCGCTGCTGGC 352  
UY 61 AAGCAGTCTCTGAAACCTGACCTAGACCTTCAATCAACCAAGCATACATCCATATCCAA 120  
DB 353 AAGCAGTCTCTGAAACCTGACCTAGACCTTCAATCAACCAAGCATACATCCATATCCAA 406  
UY 121 GTTTAAACAGCAGTTTGGTAAATATACGATGATCATAGCTTACCTTAAAGCTACC 180  
DB 407 GTTTAAACAGCAGTTTGGTAAATATACGATGATCATAGCTTACCTTAAAGCTACC 463  
UY 181 AATAAAGCTTTGATCTAT 240  
DB 464 AATAAAGCTTTGATCTAT 523  
UY 241 AAAAAAAGCAAGCAAGCTTTTCTGCCAAAAAAGATGACCGAGACACCTGTTAAAAA 300  
DB 524 AAAAAAAGCAAGCAAGCTTTTCTGCCAAAAAAGATGACCGAGACACCTGTTAAAAA 583  
UY 301 AAAATTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 360  
DB 584 CAAGGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 643  
UY 361 AATTTCTAGATTTTAAATTTTAAATTTTAAATTTTAAATTTTAAATTTTAAATTTT 420  
DB 644 AATTTCTAGATTTTAAATTTTAAATTTTAAATTTTAAATTTTAAATTTTAAATTTT 703  
UY 421 TTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGT 480  
DB 704 TTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGT 763  
UY 481 CTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 540  
DB 764 CTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 822  
UY 541 GTCTCTTCAAGATCTGTCGACGCTGGATGTTGA 576  
DB 823 GTCTCTTCAAGATCTGTCGACGCTGGATGTTGA 858

Search completed: December 27, 2002, 00:11:29  
Job time: 259 secs





FILE REFERENCE: P07 39556 (80392)  
 CURRENT APPLICATION NUMBER: US/08/894,251A  
 CURRENT FILING DATE: 1999-07-23  
 PRIOR APPLICATION NUMBER: PCT/US97/21463  
 PRIOR FILING DATE: 1997-11-21  
 PRIOR APPLICATION NUMBER: US 60/031,338  
 PRIOR FILING DATE: 1996-11-21  
 NUMBER OF SEQ ID NOS: 7  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO: 2  
 LENGTH: 199  
 TYPE: PRI  
 ORGANISM: Rattus rattus  
 US-08-894,251A-2

Query Match 57.9%; Score 572.5; DB 4; Length 199;  
 Best Local Similarity 66.9%; Pred No R 4e-55;  
 Matches 117; Conservative 21; Mismatches 31; Indels 3; Gaps 2;

QY 1 MAILVYPRITCTGIVAAKIVK.LI.SRVS.\*ALVQISCVLIPFGN.VIATSA..KAI 50  
 DB 1 MAILVYDKNEEGSRSLAKDGLKLS--GVKALDKIQTSTPPGVKVFAP-GLPKAS 57  
 QY 61 RKAIGVNVATIKSVKNDDEKSGPSTSAKKKKEKTVKSSVVASVAVVPELEKPR 120  
 DB 58 RKAIGVNVATIKSVKNDDEKSGPSTSAKKKKEKTVKSSVVASVAVVPELEKPR 117  
 QY 121 NLLDFESFDLPEERQIAHPLSGVPLMLDEGELEKLFQIGPPSPVKMPSPWE 175  
 DB 118 DPLDFSPDLPBHQISLIDPLNGVPLMLINERGLKLIHLIDPPSPLOKPIPLWE 172

RESULT 3  
 US-09-036-315-5  
 Sequence 5; Application US/09036315

GENERAL INFORMATION:  
 APPLICANT: French, Cynthia K.  
 APPLICANT: Schneider, Patrick A.  
 TITLE OF INVENTION: Prostate Cancer-Specific Marker  
 NUMBER OF SEQUENCES: 27  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eleventh Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: IBM PC compatible  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/036,315  
 FILING DATE: 06-MAR-1998  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 60/047,811  
 FILING DATE: 15-MAY-1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 60/041,246  
 FILING DATE: 07-MAR-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storck, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/WORK NUMBER: 01802-009210US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:

LENGTH: 425 amino acids  
 TYPE: amino acid  
 STRANDEDNESS:  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 FEATURE:  
 NAME/KEY: Protein  
 LOCATION: 1..425  
 OTHER INFORMATION:  
 US-09-036-315-5

Query Match 8.1%; Score 80.5; DB 4; Length 425;  
 Best Local Similarity 23.9%; Pred No 1.5;  
 Matches 38; Conservative 24; Mismatches 56; Indels 41; Gaps 7;

QY 35 LKGVITPRPKTYDPSALPKAI-----PKALGVNPAIE-----KSVKINPPK 82  
 DB 118 LKGVITPRPKTYDPSALPKAI-----PKALGVNPAIE-----KSVKINPPK 177  
 QY 84 LKGVITPRPKTYDPSALPKAI-----PKALGVNPAIE-----KSVKINPPK 117  
 DB 178 LKGVITPRPKTYDPSALPKAI-----PKALGVNPAIE-----KSVKINPPK 227  
 QY 118 LKGVITPRPKTYDPSALPKAI-----PKALGVNPAIE-----KSVKINPPK 152  
 DB 218 LKGVITPRPKTYDPSALPKAI-----PKALGVNPAIE-----KSVKINPPK 276

RESULT 4  
 US-08-484-105-18  
 Sequence 18; Application US/08484105

GENERAL INFORMATION:  
 APPLICANT: STILLMAN, Bruce  
 APPLICANT: BELL, Stephen P.  
 APPLICANT: KOBAYASHI, Ryuji  
 APPLICANT: HINE, Jasper  
 APPLICANT: KOSS, Margit  
 APPLICANT: McNALLY, Francis J.  
 APPLICANT: LAURENSEN, Patricia  
 APPLICANT: HERSKOWITZ, Ira  
 APPLICANT: GAVIN, Kimberly  
 TITLE OF INVENTION: ORIGIN OF REPLICATION COMPLEX GENES  
 NUMBER OF SEQUENCES: 24  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: FLEHR, ROHMACH, TEST, ALBRITTON & HERRERT  
 STREET: 4 Embarcadero Center, Suite 3400  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-4187  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: IBM PC compatible  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/484,105  
 FILING DATE:  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Osmao Ph.D., Richard Aron  
 REGISTRATION NUMBER: 36,627  
 REFERENCE/WORK NUMBER: A-59042/DJB/PAO  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 494-8700  
 TELEFAX: (415) 494-8771  
 TELE: 910 277299  
 INFORMATION FOR SEQ ID NO: 18:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 861 amino acids  
 TYPE: amino acid

TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-484-106-18

Query Match  
 Best Local Similarity 26.8% Score 79; DB 1; Length 861;  
 Matches 44; Conservative 19; Mismatches 79; Indels 22; Gaps 7,

9 KEIGEGTVAAKDKVLESPST-KALDQISQVLTPEPKTYDA-----PSALPKARKK 62  
 195 KSASESPMTAEHVAKRIEESKASRSROTPTHTPPARKKLELGNLGNFQMSQOTSCA 254  
 63 AIGTVAKRIEKS-V-KTNGPRKOKOPS-----PSAKMKHEKIVKRSVPASD-DAYVPI 114  
 255 SLSPPGTRPKKAVSEITSPKSSQPKLQTLSPALKAKPKETPGTGLSTEDOKKASPEH 314

QY 115 KEFFPNLLDESPDLPEERQIAHLPLSG VFPMILDEE 152  
 DB 315 KILIRIRIASKIIOIPEPPII--PIISGQSSVSPVSVILIKPE 356

RESULT 5  
 US-08-484-106-18  
 Sequence 18, Application US/08484106  
 Patent No. 5614618

GENERAL INFORMATION:  
 APPLICANT: STILLMAN, Bruce  
 APPLICANT: BELL, Stephen P  
 APPLICANT: KODAYASHI, Ryuji  
 APPLICANT: KINE, Jasper  
 APPLICANT: POSS, Margit  
 APPLICANT: MCNALLY, Francis J  
 APPLICANT: LAMERSON, Patricia  
 APPLICANT: HESKEMITT, Lisa  
 APPLICANT: LI, Joachim J  
 APPLICANT: CAVIN, Kimberly  
 TITLE OF INVENTION: ORIGIN OF REPLICATION COMPLEX GENES  
 NUMBER OF SEQUENCES: 24  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: FLEHR, HOFMACH, FIRST ALBRITTON & HERBERT  
 STREET: 4 Embalgadero Center, Suite 3400  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-4187

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/484,106  
 FILING DATE:  
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
 NAME: (Susan Ph.D.) Richard Aron  
 REGISTRATION NUMBER: 36,627  
 REFERENCE/DOCKET NUMBER: A-59042/1H/PAC  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 494-8700  
 TELEFAX: (415) 494-8771  
 TELETYPE: 910 227299

INFORMATION FOR SEQ ID NO: 18:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 861 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-484-106-18

Query Match  
 Best Local Similarity 26.8% Score 79; DB 1; Length 861;  
 Matches 44; Conservative 19; Mismatches 79; Indels 22; Gaps 7;

QY 9 KEIGEGTVAAKDKVLESPST-KALDQISQVLTPEPKTYDA-----PSALPKARKK 62  
 DB 195 KSASESPMTAEHVAKRIEESKASRSROTPTHTPPARKKLELGNLGNFQMSQOTSCA 254  
 63 AIGTVAKRIEKS-V-KTNGPRKOKOPS-----PSAKMKHEKIVKRSVPASD-DAYVPI 114  
 DB 255 SLSPPGTRPKKAVSEITSPKSSQPKLQTLSPALKAKPKETPGTGLSTEDOKKASPEH 314

QY 115 KEFFPNLLDESPDLPEERQIAHLPLSG VFPMILDEE 152  
 DB 315 KILIRIRIASKIIOIPEPPII--PIISGQSSVSPVSVILIKPE 356

RESULT 6  
 US-08-469-043-2  
 Sequence 2, Application US/08469 43  
 Patent No. 5491064

GENERAL INFORMATION:  
 APPLICANT: Holey, Jack H  
 APPLICANT: Holey, Peter M  
 TITLE OF INVENTION: HITS-GENE: A Human Tumor S  
 NUMBER OF SEQUENCES: 10  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Townsend and Townsend  
 STREET: 1 Market Plaza, Stewart Tower, Suite  
 CITY: San Francisco  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 94105

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/469,043  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/77,716,742  
 FILING DATE:

ATTORNEY/AGENT INFORMATION:  
 NAME: WEBER, Kenneth A  
 REGISTRATION NUMBER: 31,673  
 REFERENCE/DOCKET NUMBER: 15280-65  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415-543-5040  
 TELEFAX: 415-543-5043

INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 117 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-469-043-2

Query Match  
 Best Local Similarity 26.4% Score 77.5; DB 1;  
 Matches 43; Conservative 27; Mismatches 6;

QY 12 GIVEYI PVKAG 12  
 DB 263 GIEYNSPESGDIYKSSVITLVGVYKPPVEEYEEKYNKSS 3

QY 51 DAPSAIPLKA-- -- -- -- --IRKALGVVAVII\* 11  
 DB 418 -APPGLDSTIAIVAKREKEMKHSQKRSFPPDASSI 4

QY 88 FSAKMTKTVKTKSSVAPASQAVPTFFFPNLLDESPH 11  
 DB 477 FGSKSTIEIN- - - - -AVDGVADLPKPNVYDVDAKSRK 1





```

1 Patent No. 6433142
2 GENERAL INFORMATION:
3 APPLICANT: Gesner, Thomas G.
4 APPLICANT: Clark, Stephen G.
5 APPLICANT: Turner, Katherine
6 APPLICANT: Hewick, Rodney M.
7 TITLE OF INVENTION: Megakaryocyte Stimulating Factors
8 NUMBER OF SEQUENCES: 143
9 CORRESPONDENCE ADDRESS:
10 ADDRESSEE: Genetics Institute, Inc.
11 STREET: 87 Cambridgepark Drive
12 CITY: Cambridge
13 STATE: Massachusetts
14 COUNTRY: U.S.A.
15 ZIP: 02140
16 COMPUTER READABLE FORM:
17 MEDIUM TYPE: floppy disk
18 COMPUTER: IBM PC compatible
19 OPERATING SYSTEM: PC-DOS/MS-DOS
20 SOFTWARE: Patent Release #1.0 Version #1.25
21 CURRENT APPLICATION DATA:
22 APPLICATION NUMBER: US/07/757,022B
23 FILING DATE: 19910910
24 CLASSIFICATION: 530
25 PRIOR APPLICATION DATA:
26 APPLICATION NUMBER: US 07/643,502
27 FILING DATE: 18-JAN-1991
28 PRIOR APPLICATION DATA:
29 APPLICATION NUMBER: US 07/546,114
30 FILING DATE: 29-JUN-1990
31 PRIOR APPLICATION DATA:
32 APPLICATION NUMBER: US 07/457,196
33 FILING DATE: 29-DEC-1989
34 PRIOR APPLICATION DATA:
35 APPLICATION NUMBER: US 07/390,901
36 FILING DATE: 08-AUG-1989
37 ATTORNEY/AGENT INFORMATION:
38 NAME: Gesner, Thomas
39 REGISTRATION NUMBER: 31,822
40 REFERENCE/DOCKET NUMBER: G1 5190
41 TELECOMMUNICATION INFORMATION:
42 TELEPHONE: (617)876-1170
43 TELEFAX: (617)876-5851
44 INFORMATION FOR SEQ ID NO: 14:
45 SEQUENCE CHARACTERISTICS:
46 LENGTH: 941 amino acids
47 TYPE: AMINO ACID
48 TOPOLOGY: linear
49 MOLECULE TYPE: protein
50 US-07-757-022B-14
51
52 Query Match 7.8% Score 77: DB 4: Length 941:
53 Host Local Similarity 21.6% Prod. No. 12:
54 Matches 35: Conservative 23: Mismatches 82: Idents 22: Gaps 4:
55
56 25 KESFSPKALD-----GTSVLTTPPKTYDAPSAIPKATPFAALGVNDAIEKSEKIN 78
57 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
58 DB 680 ELASAPFKALNSPKKGVPIKIPKATPKPMPTTAAADKTPPDIPTTPPT-----TA 734
59 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
60 79 GRKKQKPSFSAKKMTKTKTSVSPASDAYEIEKFFENLLDESEFLPEEROIAH 138
61 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
62 DB 735 AKPKTKETAT-----TEKTESKTIATTVSTTTQDTTPFKTTTKTTTADPKVTTTK 790
63 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
64 139 LPSVPEMLDDE-----GELAKLPQGLVSVKMSMT 173
65 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
66 DB 791 KTTTTFIMNKPEETAKPKPATNSKATTPPKPKPTVAPKPP 842
67 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
68
69 RESULT 10
70 US-07-757-022B-84
71 Sequence 84, Application US/07757022B
72 Patent No. 6433142
73 GENERAL INFORMATION:
74 APPLICANT: Gesner, Thomas G.
75 APPLICANT: Clark, Stephen G.

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1 APPLICANT: Gesner, Thomas G.
2 APPLICANT: Clark, Stephen G.
3 APPLICANT: Turner, Katherine
4 APPLICANT: Hewick, Rodney M.
5 TITLE OF INVENTION: Megakaryocyte Stimulating Factors
6 NUMBER OF SEQUENCES: 143
7 CORRESPONDENCE ADDRESS:
8 ADDRESSEE: Genetics Institute, Inc.
9 STREET: 87 Cambridgepark Drive
10 CITY: Cambridge
11 STATE: Massachusetts
12 COUNTRY: U.S.A.
13 ZIP: 02140
14 COMPUTER READABLE FORM:
15 MEDIUM TYPE: floppy disk
16 COMPUTER: IBM PC compatible
17 OPERATING SYSTEM: PC-DOS/MS-DOS
18 SOFTWARE: Patent Release #1.0 Version #1.25
19 CURRENT APPLICATION DATA:
20 APPLICATION NUMBER: US/07/757,022B
21 FILING DATE: 19910910
22 CLASSIFICATION: 530
23 PRIOR APPLICATION DATA:
24 APPLICATION NUMBER: US 07/643,502
25 FILING DATE: 18-JAN-1991
26 PRIOR APPLICATION DATA:
27 APPLICATION NUMBER: US 07/546,114
28 FILING DATE: 29-JUN-1990
29 PRIOR APPLICATION DATA:
30 APPLICATION NUMBER: US 07/457,196
31 FILING DATE: 29-DEC-1989
32 PRIOR APPLICATION DATA:
33 APPLICATION NUMBER: US 07/390,901
34 FILING DATE: 08-AUG-1989
35 ATTORNEY/AGENT INFORMATION:
36 NAME: Gesner, Thomas
37 REGISTRATION NUMBER: 31,822
38 REFERENCE/DOCKET NUMBER: G1 5190
39 TELECOMMUNICATION INFORMATION:
40 TELEPHONE: (617)876-1170
41 TELEFAX: (617)876-5851
42 INFORMATION FOR SEQ ID NO: 84:
43 SEQUENCE CHARACTERISTICS:
44 LENGTH: 1022 amino acids
45 TYPE: AMINO ACID
46 TOPOLOGY: linear
47 MOLECULE TYPE: protein
48 US-07-757-022B-84
49
50 Query Match 7.8% Score 77: DB 4: Id
51 Host Local Similarity 21.6% Prod. No. 13:
52 Matches 35: Conservative 23: Mismatches 82:
53
54 25 KESFSPKALD-----GTSVLTTPPKTYDAPSAIPKATPFAALGVNDAIEKSEKIN 78
55 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
56 DB 761 ELASAPFKALNSPKKGVPIKIPKATPKPMPTTAAADKTPPDIPTTPPT-----TA 734
57 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
58 79 GRKKQKPSFSAKKMTKTKTSVSPASDAYEIEKFFENLLDESEFLPEEROIAH 138
59 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
60 DB 816 AKPKTKETAT-----TEKTESKTIATTVSTTTQDTTPFKTTTKTTTADPKVTTTK 790
61 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
62 139 LPSVPEMLDDE-----GELAKLPQGLVSVKMSMT 173
63 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
64 DB 872 KTTTTFIMNKPEETAKPKPATNSKATTPPKPKPTVAPKPP 842
65 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
66
67 RESULT 11
68 US-07-757-022B-74
69 Sequence 74, Application US/07757022B
70 Patent No. 6433142
71 GENERAL INFORMATION:
72 APPLICANT: Gesner, Thomas G.
73 APPLICANT: Clark, Stephen G.

```

```

APPLICANT: Turner, Katherine
APPLICANT: Hewick, Rodney M.
TITLE OF INVENTION: Megakaryocyte Stimulating Factors
NUMBER OF SEQUENCES: 143
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridge Park Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/757,022B
FILING DATE: 19910910
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/643,502
FILING DATE: 18-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/546,114
FILING DATE: 29-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/457,196
FILING DATE: 29-DEC-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/390,901
FILING DATE: 08-AUG-1989
ATTORNEY/AGENT INFORMATION:
NAME: Covert, Luan
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: G1 5190
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)876-1170
TELEFAX: (617)876-5851
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 1038 amino acids
TYPE: AMINO ACID
TOPOLOGY: Linear
MOLECULE TYPE: protein
US-07-757-022B-74

Query Match: 7.8% Score 77 DB 4, Length 1038,
Best Local Similarity 21.6% Pred. No. 13;
Matches 35; Conservative 23; Mismatches 80; Indels 22; Gaps 4.

UY 25 KLSKRSIKALD-----GISQVITPRKQKTYDASALPKATRKALGVNATKESVKTN 78
DB 745 ELASNPPLALNSIKPEPVPTTKTAATKPEMTTAKDKTERDLRTPEPT-----TA 799
UY 79 GPKKOKPSAKMTEKTKVTKSSVPASDAVPEIEKFFPNLDFESFLPEERQIAH 138
DB 800 APKMTKEIAT-----TEKTESKITAATTQVSTTQDTTPKTKITLTKTLAKRVITTK 855
UY 139 LPLSGVPLMLDDE-----GLEKLFQJGPPSPVKMSPSP 173
DB 856 KITITTEIMNKPEETAKPKPDATNSKATTPKQKPTKAKKRP 897

```

```

TITLE OF INVENTION: Megakaryocyte Stimulating Factors
NUMBER OF SEQUENCES: 143
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridge Park Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/757,022B
FILING DATE: 19910910
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/643,502
FILING DATE: 18-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/546,114
FILING DATE: 29-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/457,196
FILING DATE: 29-DEC-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/390,901
FILING DATE: 08-AUG-1989
ATTORNEY/AGENT INFORMATION:
NAME: Covert, Luan
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: G1 5190
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)876-1170
TELEFAX: (617)876-5851
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 1040 amino acids
TYPE: AMINO ACID
TOPOLOGY: Linear
MOLECULE TYPE: protein
US-07-757-022B-58

Query Match: 7.8% Score 77 DB 4; Length 1040;
Best Local Similarity 21.6% Pred. No. 14;
Matches 35; Conservative 23; Mismatches 80; Indels 22; Gaps 4.

UY 25 KLSKRSIKALD-----GISQVITPRKQKTYDASALPKATRKALGVNATKESVKTN 78
DB 788 ELASNPPLALNSIKPEPVPTTKTAATKPEMTTAKDKTERDLRTPEPT-----TA 842
UY 79 GPKKOKPSAKMTEKTKVTKSSVPASDAVPEIEKFFPNLDFESFLPEERQIAH 138
DB 843 APKMTKEIAT-----TEKTESKITAATTQVSTTQDTTPKTKITLTKTLAKRVITTK 896
UY 139 LPLSGVPLMLDDE-----GLEKLFQJGPPSPVKMSPSP 173
DB 899 KITITTEIMNKPEETAKPKPDATNSKATTPKQKPTKAKKRP 940

```

RESULT 12  
US-07-757-022B-58  
Sequence 58, Application US/07757022B  
Patent No. 6431142  
GENERAL INFORMATION:  
APPLICANT: Covert, Thomas G.  
APPLICANT: Clark, Stephen G.  
APPLICANT: Turner, Katherine  
APPLICANT: Hewick, Rodney M.

RESULT 13  
US-07-757-022B-104  
Sequence 104, Application US/07757022B  
Patent No. 6431142  
GENERAL INFORMATION:  
APPLICANT: Covert, Thomas G.  
APPLICANT: Clark, Stephen G.  
APPLICANT: Turner, Katherine  
APPLICANT: Hewick, Rodney M.

TITLE OF INVENTION: Megakaryocyte Stimulating Factors  
NUMBER OF SEQUENCES: 143

CORRESPONDENCE ADDRESS:  
 ADDRESS: Genetics Institute, Inc.  
 STREET: 87 Cambridge Park Drive  
 CITY: Cambridge  
 STATE: Massachusetts  
 COUNTRY: U.S.A.  
 ZIP: 02140  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.2  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/757,022B  
 FILING DATE: 19910910  
 CLASSIFICATION: 530  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/547,502  
 FILING DATE: 18-JAN-1991  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/546,114  
 FILING DATE: 29-JUN-1990  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/457,196  
 FILING DATE: 29-DEC-1989  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/390,901  
 FILING DATE: 08-AUG-1989  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Gsett, Judith  
 REGISTRATION NUMBER: 31,822  
 REFERENCE/DOCKET NUMBER: G1 5190  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617)876-1170  
 TELEFAX: (617)876-5851  
 INFORMATION FOR SEQ ID NO: 104:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1140 amino acids  
 TYPE: AMINO ACID  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-07-757-022B-104

Query Match 7.88; Score 77; Dh 4; Length 140;  
 Best Local Similarity 21.6%; Pred. No. 15;  
 Matches 35, Conservative 23, Mismatches 82, Indels 22, Gaps 4.

QY 25 KLEESIKAL...  
 DB 879 ELSAHTIKAL...  
 QY 79 GPKKQPSFSAKKEKTEKTVTKSSVPSDVAPEIKFFFNITDFESTDLPEPQIAH 138  
 DB 744 AKMKIKKAL...  
 QY 139 LPLSGVPLMLDE...  
 DB 990 KTTTEIMNKPETFAKKEKKAISKATPKPKPKPKPKPKPKPKPK 1031

RESULT 14  
 US-07-757-022B-44  
 Sequence 44, Application US/07757022B  
 Patent No. 643142  
 GENERAL INFORMATION:  
 APPLICANT: Gesser, Thomas G.  
 APPLICANT: Clark, Stephen G.  
 APPLICANT: Turner, Katherine  
 APPLICANT: Hornick, Rodney M.  
 TITLE OF INVENTION: Megakaryocyte Stimulating Factors  
 NUMBER OF SEQUENCES: 143  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Genetics Institute, Inc.

STREET: 87 Cambridge Park Drive  
 CITY: Cambridge  
 STATE: Massachusetts  
 COUNTRY: U.S.A.  
 ZIP: 02140  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.2  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/757,022B  
 FILING DATE: 19910910  
 CLASSIFICATION: 530  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/447,502  
 FILING DATE: 18-JAN-1991  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/546,114  
 FILING DATE: 29-JUN-1990  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/457,196  
 FILING DATE: 29-DEC-1989  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/390,901  
 FILING DATE: 08-AUG-1989  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Gsett, Judith  
 REGISTRATION NUMBER: 31,822  
 REFERENCE/DOCKET NUMBER: G1 5190  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617)876-1170  
 TELEFAX: (617)876-5851  
 INFORMATION FOR SEQ ID NO: 44:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1270 amino acids  
 TYPE: AMINO ACID  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-07-757-022B-44

Query Match 7.88; Score 77; Dh 4; Length 140;  
 Best Local Similarity 21.6%; Pred. No. 18;  
 Matches 35, Conservative 23, Mismatches 82

QY 25 KLEESIKAL...  
 DB 745 ELSAHTIKAL...  
 QY 79 GPKKQPSFSAKKEKTEKTVTKSSVPSDVAPEIKFFFNITDFESTDLPEPQIAH 138  
 DB 800 AKMKIKKAL...  
 QY 139 LPLSGVPLMLDE...  
 DB 990 KTTTEIMNKPETFAKKEKKAISKATPKPKPKPKPKPKPKPKPK 1031

RESULT 15  
 US-07-757-022B-42  
 Sequence 42, Application US/07757022B  
 Patent No. 643142  
 GENERAL INFORMATION:  
 APPLICANT: Gesser, Thomas G.  
 APPLICANT: Clark, Stephen G.  
 APPLICANT: Turner, Katherine  
 APPLICANT: Hornick, Rodney M.  
 TITLE OF INVENTION: Megakaryocyte Stimulating Factors  
 NUMBER OF SEQUENCES: 143  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Genetics Institute, Inc.  
 STREET: 87 Cambridge Park Drive  
 CITY: Cambridge

STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02140  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/757,022H  
FILING DATE: 19910910  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/643,502  
FILING DATE: 18-JAN-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/546,114  
FILING DATE: 29-JUN-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/457,196  
FILING DATE: 29-DEC-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/390,901  
FILING DATE: 08-AUG-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Gsert, Diana  
REGISTRATION NUMBER: 31,822  
REFERENCE/DOCKET NUMBER: G1 5190  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)876-1170  
TELEFAX: (617)876-5851  
INFORMATION FOR SEQ ID NO: 42:  
SOURCE CHARACTERISTICS:  
LENGTH: 1311 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US 07-757-022B-42

Query Match: 7.8%; Score 77; DB 4, length 1311;  
Best local Similarity 21.6%; Prod. No. 19;  
Matches 35; Conserved 23; Mismatched 82; Indels 22; Gaps 4;

QY 25 KLESRSIKALD-----GISQVLTPRFKGTVDAPSLPKATRKALGVNRAATEKSVKTN 78  
DB 786 ELSAPPPKAKFNSTRFPPVPIKILPAATKPPMTTAAKTKTKPKTKPTT-----TA 840

QY 79 GPRKQKQPSAKKTEKTKTSVPASTFAVEIEFEFFENLLEFSPULPEEQIAH 138  
DB 841 AFRKTKETATV---TEKTESKITATTTQVSTSTTQDTPPKITTLTKTTLAKVTTK 896

QY 139 LPLISGVPLMLDP-----GHLEKLPOLGPPSVKMSDP 173  
DB 897 KITTEIMNKPEITAKPKDRATNSKATTPKPKPTKAKKPP 938

Search completed: December 27, 2002, 00:13:30  
Job time : 28 secs



Db 121 NLLDFSEFDLPEBHQIAHLPLSGVPLMLIDBEDELEKLFQIAQPSVPMSPFWESNL 178

## RESULT 2

US-09-949-476-4

Sequence 4, Application US/09949476

Patent No. US2002006835A1

GENERAL INFORMATION:

APPLICANT: Shlomo Melmed (Inventor)

APPLICANT: Lin Pei (Inventor)

TITLE OF INVENTION: THE PRESENCE OF HUMAN PTTG PEPTIDE IN A SAMPLE

FILE REFERENCE: 18810-81107

CURRENT APPLICATION NUMBER: US/09/949,476

PRIOR FILING DATE: 2001-09-07

PRIOR APPLICATION NUMBER: PCT/US97/21643

PRIOR FILING DATE: 1997-11-21

PRIOR FILING DATE: 1999-07-23

PRIOR APPLICATION NUMBER: US 60/031,338

PRIOR FILING DATE: 1996-11-21

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 4

LENGTH: 202

TYPE: PRT

ORGANISM: Homo sapiens

US-09-949-476-4

Query Match 82.3%; Score 813; DB 10; Length 202;

Best Local Similarity 91.0%; Pred. No. 1.2e-71;

Matches 162; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

QY 1 MATLIYVDKEIGEPGTRVAAKTVKIESPSTKALDGIISVLTTPPGTYAPSALEKAT 60

Db 1 MATLIYVDKNGHGPCTRVAAKDKIKIGSPSTKALDGSVSTPPGCTPAPAPALAKAT 60

QY 61 PKALGIVNATEKSVKTNFPRKQGFSPSAKMKTEKTVKSSVPSADDAVPELEKEFPF 120

Db 61 PKALGIVNATEKSVKTKGPKQGFSPSAKMKTEKTVKSSVPSADDAVPELEKEFPF 120

QY 121 NLLDFSEFDLPEBHQIAHLPLSGVPLMLIDBEDELEKLFQIAQPSVPMSPFWESNL 178

Db 121 NLLDFSEFDLPEBHQIAHLPLSGVPLMLIDBEDELEKLFQIAQPSVPMSPFWESNL 178

## RESULT 3

US-09-949-271-4

Sequence 4, Application US/09949271

Patent No. US20020068716A1

GENERAL INFORMATION:

APPLICANT: Shlomo Melmed (Inventor)

APPLICANT: Lin Pei (Inventor)

TITLE OF INVENTION: COMPOSITIONS AND METHOD FOR DETERMINING

FILE REFERENCE: 18810-81108

CURRENT APPLICATION NUMBER: US/09/949,271

PRIOR FILING DATE: 2001-09-07

PRIOR APPLICATION NUMBER: PCT/US97/21643

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: US 08/894,251

PRIOR FILING DATE: 1996-07-23

PRIOR APPLICATION NUMBER: US 60/031,338

PRIOR FILING DATE: 1996-11-21

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 4

LENGTH: 202

TYPE: PRT

ORGANISM: Homo sapiens

US-09-949-271-4

Query Match 82.3%; Score 813; DB 10; Length 202;

Best Local Similarity 91.0%; Pred. No. 1.2e-71;

Matches 162; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

QY 1 MATLIYVDKEIGEPGTRVAAKTVKIESPSTKALDGIISVLTTPPGTYAPSALEKAT 60

Db 1 MATLIYVDKNGHGPCTRVAAKDKIKIGSPSTKALDGSVSTPPGCTPAPAPALAKAT 60

QY 61 PKALGIVNATEKSVKTNFPRKQGFSPSAKMKTEKTVKSSVPSADDAVPELEKEFPF 120

Db 61 PKALGIVNATEKSVKTKGPKQGFSPSAKMKTEKTVKSSVPSADDAVPELEKEFPF 120

QY 121 NLLDFSEFDLPEBHQIAHLPLSGVPLMLIDBEDELEKLFQIAQPSVPMSPFWESNL 178

Db 121 NLLDFSEFDLPEBHQIAHLPLSGVPLMLIDBEDELEKLFQIAQPSVPMSPFWESNL 178

## RESULT 4

US-09-949-272-4

Sequence 4, Application US/09949272

Patent No. US2002010678A1

GENERAL INFORMATION:

APPLICANT: Shlomo Melmed (Inventor)

APPLICANT: Lin Pei (Inventor)

TITLE OF INVENTION: HUMAN PTTG POLYPEPTIDE AND METHOD FOR

FILE REFERENCE: 18810-81105

CURRENT APPLICATION NUMBER: US/09/949,272

PRIOR FILING DATE: 2001-09-07

PRIOR APPLICATION NUMBER: PCT/US97/21643

PRIOR FILING DATE: 1997-11-21

PRIOR FILING DATE: 1999-07-23

PRIOR APPLICATION NUMBER: US 60/031,338

PRIOR FILING DATE: 1996-11-21

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 4

LENGTH: 202

TYPE: PRT

ORGANISM: Homo sapiens

US-09-949-272-4

Query Match 82.3%; Score 813; DB 10; Length 202;

Best Local Similarity 91.0%; Pred. No. 1.2e-71;

Matches 162; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

QY 1 MATLIYVDKEIGEPGTRVAAKTVKIESPSTKALDGIISVLTTPPGTYAPSALEKAT 60

Db 1 MATLIYVDKNGHGPCTRVAAKDKIKIGSPSTKALDGSVSTPPGCTPAPAPALAKAT 60

QY 61 PKALGIVNATEKSVKTNFPRKQGFSPSAKMKTEKTVKSSVPSADDAVPELEKEFPF 120

Db 61 PKALGIVNATEKSVKTKGPKQGFSPSAKMKTEKTVKSSVPSADDAVPELEKEFPF 120

QY 121 NLLDFSEFDLPEBHQIAHLPLSGVPLMLIDBEDELEKLFQIAQPSVPMSPFWESNL 178

Db 121 NLLDFSEFDLPEBHQIAHLPLSGVPLMLIDBEDELEKLFQIAQPSVPMSPFWESNL 178

## RESULT 5

US-09-777-422-4

Sequence 4, Application US/09777422

Patent No. US20020147162A1

GENERAL INFORMATION:

APPLICANT: Anthony P. Heaney (Inventor)

APPLICANT: Hiroki Ishikawa (Inventor)

APPLICANT: Run Yu (Inventor)

APPLICANT: Gregory A. Horwicz (Inventor)

APPLICANT: Kun Zhang (Inventor)

APPLICANT: Shlomo Melmed (Inventor)

TITLE OF INVENTION: METHODS OF MODULATING ANGIOGENESIS BY

REGULATING THE EXPRESSION OF PITUITARY TUMOR TRANSFORMING

TITLE OF INVENTION: GENE (PTTG)  
 FILE REFERENCE: 18810-81104  
 CURRENT APPLICATION NUMBER: US/09/777,422  
 CURRENT FILING DATE: 2001-02-05  
 PRIOR APPLICATION NUMBER: 09/777,464  
 PRIOR FILING DATE: 2000-12-04  
 PRIOR APPLICATION NUMBER: 09/687,911  
 PRIOR FILING DATE: 2000-10-14  
 PRIOR APPLICATION NUMBER: 09/569,956  
 PRIOR FILING DATE: 2000-05-12  
 PRIOR APPLICATION NUMBER: 09/894,251  
 PRIOR FILING DATE: 1999-07-23  
 PRIOR APPLICATION NUMBER: PCT/US86/21463  
 PRIOR FILING DATE: 1987-11-21  
 PRIOR APPLICATION NUMBER: 60/031,338  
 PRIOR FILING DATE: 1996-11-21  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO: 4  
 LENGTH: 202  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-777-422-4

Query Match 6.14 Score 813 DB 10 Eseq: 282  
 Best Local Similarity 91.08: Pred. No. 1,2e-71  
 Matches 162: Conservative 1: Mismatches 15: Indels 0: Gaps 0:

QY 1 MATLIVYKKEIGSHYAAAGVVKASSTKALDQISVLITKPKCKTDAVASLAKKAT 60  
 DB 1 MATLIVYKKEIGSHYAAAGVVKASSTKALDQISVLITKPKCKTDAVASLAKKAT 60  
 QY 61 KRALIVKALFKSVKNGCPKQKSPSSAKMKLEKIVKSSVPSADUAYPELEKFFPP 120  
 DB 61 KRALIVKALFKSVKNGCPKQKSPSSAKMKLEKIVKSSVPSADUAYPELEKFFPP 120  
 QY 121 NLDFESFDLEPQIAHLPLSVPMITTEPELEKIPVIGPPSPVKMSPWFSNL 178  
 DB 121 NLDFESFDLEPQIAHLPLSVPMITTEPELEKIPVIGPPSPVKMSPWFSNL 178

RESULT 6  
 US-09-745-763-119  
 Sequence 119: Application US/09/745,763  
 Patent No. US20020065349A1  
 GENERAL INFORMATION:  
 APPLICANT: Jacobs, Kenneth  
 McCoy, John M.  
 Lavallee, Edward R.  
 Collins-Racie, Lisa A.  
 Evans, Cheryl  
 Metborg, David  
 Itagacy, Maurice  
 Spaulding, Wilki  
 TITLE OF INVENTION: SECRETED PROTEINS AND POLYPEPTIDES  
 ENCODING THEM  
 NUMBER OF SEQUENCES: 219  
 CORRESPONDENCE ADDRESS:  
 ADDRESSER: Genetics Institute, Inc.  
 STREET: 87 Cambridgepark Drive  
 CITY: Cambridge  
 STATE: MA  
 COUNTRY: U.S.A.  
 ZIP: 02140  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/745,763  
 FILING DATE: 18-Jun-2000  
 CLASSIFICATION: <unknown>

ATTORNEY/AGENT INFORMATION:  
 NAME: Spruider, Suzanne A.  
 REGISTRATION NUMBER: 41,423  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (417) 498-4284  
 TELEFAX: (417) 874-5041  
 INFORMATION FOR SEQ ID NO: 119:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 146 amino acids  
 TYPE: amino acid  
 STRAND: UNKNOWN  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 SEQUENCE DESCRIPTION: SEQ ID NO: 119:  
 US-09-745-763-119

Query Match 6.14 Score 654 DB 10 Eseq: 206  
 Best Local Similarity 90.44: Pred. No. 2.4e-64  
 Matches 132: Conservative 1: Mismatches 13: Indels 0: Gaps 0:

QY 1 MATLIVYKKEIGSHYAAAGVVKASSTKALDQISVLITKPKCKTDAVASLAKKAT 60  
 DB 1 MATLIVYKKEIGSHYAAAGVVKASSTKALDQISVLITKPKCKTDAVASLAKKAT 60  
 QY 61 KRALIVKALFKSVKNGCPKQKSPSSAKMKLEKIVKSSVPSADUAYPELEKFFPP 120  
 DB 61 KRALIVKALFKSVKNGCPKQKSPSSAKMKLEKIVKSSVPSADUAYPELEKFFPP 120  
 QY 121 NLDFESFDLEPQIAHLPLSVPMITTEPELEKIPVIGPPSPVKMSPWFSNL 178  
 DB 121 NLDFESFDLEPQIAHLPLSVPMITTEPELEKIPVIGPPSPVKMSPWFSNL 178

RESULT 7  
 US-09-949-476-2  
 Sequence 2: Application US/09/949,476  
 Patent No. US20020068459A1  
 GENERAL INFORMATION:  
 APPLICANT: Shlomo Meir  
 TITLE OF INVENTION: THE PRESENCE OF HUMAN PTTG PER  
 TITLE OF INVENTION: COMPOSITIONS AND METHOD FOR DE  
 DIFFERENT AFFILIATION Nucleic Acids, 1999, 476  
 CURRENT FILING DATE: 2001-09-07  
 PRIOR APPLICATION NUMBER: 09/600,413  
 PRIOR FILING DATE: 1997-11-21  
 PRIOR APPLICATION NUMBER: 09/894,251  
 PRIOR FILING DATE: 1999-07-23  
 PRIOR APPLICATION NUMBER: 60/041,438  
 PRIOR FILING DATE: 1996-11-21  
 NUMBER OF SEQ ID NOS: 4  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO: 2  
 LENGTH: 199  
 TYPE: PRT  
 ORGANISM: Rattus rattus  
 US-09-949-476-2

Query Match 6.14 Score 572.5: DB 10 Eseq: 181  
 Best Local Similarity 66.94: Pred. No. 2.4e-48  
 Matches 117: Conservative 21: Mismatches 14: Indels 0: Gaps 0:

QY 1 MATLIVYKKEIGSHYAAAGVVKASSTKALDQISVLITKPKCKTDAVASLAKKAT 60  
 DB 1 MATLIVYKKEIGSHYAAAGVVKASSTKALDQISVLITKPKCKTDAVASLAKKAT 60  
 QY 61 KRALIVKALFKSVKNGCPKQKSPSSAKMKLEKIVKSSVPSADUAYPELEKFFPP 120  
 DB 61 KRALIVKALFKSVKNGCPKQKSPSSAKMKLEKIVKSSVPSADUAYPELEKFFPP 120  
 QY 121 NLDFESFDLEPQIAHLPLSVPMITTEPELEKIPVIGPPSPVKMSPWFSNL 178  
 DB 121 NLDFESFDLEPQIAHLPLSVPMITTEPELEKIPVIGPPSPVKMSPWFSNL 178

DB 118 DPLDESFDPPEHIOISLLPLNGVPLMLINEEPGIFLLHLDPPSPLOKFFLPWE 172

RESULT 8

US-09-949-271-2  
Sequence 2, Application US/09949271  
Patent No. US20020068716A1

GENERAL INFORMATION:

APPLICANT: Shlomo Melamed (Inventor)

APPLICANT: Lin Pei (Inventor)

TITLE OF INVENTION: COMPOSITIONS AND METHOD FOR DETERMINING

FILE REFERENCE: 18810-81108

CURRENT APPLICATION NUMBER: US/09/949,271

PRIOR FILING DATE: 2001-09-07

PRIOR APPLICATION NUMBER: PCT/US97/21643

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: US 08/894,261

PRIOR FILING DATE: 1996-07-23

PRIOR APPLICATION NUMBER: US 60/041,348

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 199

TYPE: PRT

ORGANISM: Rattus rattus

US-09-949-271-2

Query Match 57.9% Score 572.5; DB 10; Length 199;  
Best Local Similarity 66.9% Pred. No. 2,3e-48;

Matches 117: Conservative 21; Mismatches 34; Indels 3; Gaps 2;

QY 1 MATLIVYKKEIGHCHQKAAKAVIKLISHSIKALUGISVLYLHFKCTYVAPSAALPKAT 60

DB 1 MATLIVKDNPPSSKSLASKGKLGKSSGVKALTEKLYSTFEVSGVSGAPGLPKAS 57

QY 61 PRALITVNPATEKSVKTNPPKQKOPSPSAKFMTEKTVTKSSVPASDADVAPELEKFFPE 120

DB 58 KKAIGIVNKKVTRKPKSSKPIQSKQPTLISVKKITTKSKRTQCSADPAIDDAVPELEKFFPE 117

QY 121 NLDESEFDLPEERQIAHPLISGVPLMLIDEGELEKLFQLGPPSPVKMPSPEWE 175

DB 118 DPLDESFDPPEHIOISLLPLNGVPLMLINEEPGIFLLHLDPPSPLOKFFLPWE 172

RESULT 9

US-09-949-272-2

Sequence 2, Application US/09949272

Patent No. US20020106778A1

GENERAL INFORMATION:

APPLICANT: Shlomo Melamed (Inventor)

APPLICANT: Lin Pei (Inventor)

TITLE OF INVENTION: HUMAN PTG POLYPEPTIDE AND METHOD FOR

FILE REFERENCE: 18810 81105

CURRENT APPLICATION NUMBER: US/09/949,272

PRIOR FILING DATE: 2001-09-07

PRIOR APPLICATION NUMBER: PCT/US97/21643

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: US 08/894,261

PRIOR FILING DATE: 1996-07-23

PRIOR APPLICATION NUMBER: US 60/031,338

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 199

TYPE: PRT

ORGANISM: Rattus rattus

US-09-949-272-2

Query Match 57.9% Score 572.5; DB 10; Length 199;

Best Local Similarity 66.9% Pred. No. 2,3e-48;  
Matches 117: Conservative 21; Mismatches 34; Indels 3; Gaps 2;

QY 1 MATLIVYKKEIGHCHQKAAKAVIKLISHSIKALUGISVLYLHFKCTYVAPSAALPKAT 60

DB 1 MATLIVKDNPPSSKSLASKGKLGKSSGVKALTEKLYSTFEVSGVSGAPGLPKAS 57

QY 61 PRALITVNPATEKSVKTNPPKQKOPSPSAKFMTEKTVTKSSVPASDADVAPELEKFFPE 120

DB 58 KKAIGIVNKKVTRKPKSSKPIQSKQPTLISVKKITTKSKRTQCSADPAIDDAVPELEKFFPE 117

QY 121 NLDESEFDLPEERQIAHPLISGVPLMLIDEGELEKLFQLGPPSPVKMPSPEWE 175

DB 118 DPLDESFDPPEHIOISLLPLNGVPLMLINEEPGIFLLHLDPPSPLOKFFLPWE 172

RESULT 10

US-09-777-422-2

Sequence 2, Application US/09777422

Patent No. US20020147162A1

GENERAL INFORMATION:

APPLICANT: Anthony P. Heaney (Inventor)

APPLICANT: Hiroki Ishikawa (Inventor)

APPLICANT: Run Yu (Inventor)

APPLICANT: Gregory A. Horwitz (Inventor)

APPLICANT: Shlomo Melamed (Inventor)

TITLE OF INVENTION: METHODS OF MODULATING ANGIOGENESIS BY

FILE REFERENCE: 18810-81104

CURRENT APPLICATION NUMBER: US/09/777,422

PRIOR FILING DATE: 2001-02-05

PRIOR APPLICATION NUMBER: 09/730,469

PRIOR FILING DATE: 2000-12-04

PRIOR APPLICATION NUMBER: 09/687,911

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: 09/569,956

PRIOR FILING DATE: 2000-05-12

PRIOR APPLICATION NUMBER: 08/894,251

PRIOR FILING DATE: 1999-07-23

PRIOR APPLICATION NUMBER: PCT/US96/21463

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/031,338

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 199

TYPE: PRT

ORGANISM: Rattus rattus

US-09-777-422-2

Query Match 57.9% Score 572.5; DB 10; Length 199;  
Best Local Similarity 66.9% Pred. No. 2,3e-48;

Matches 117: Conservative 21; Mismatches 34; Indels 3; Gaps 2;

QY 1 MATLIVYKKEIGHCHQKAAKAVIKLISHSIKALUGISVLYLHFKCTYVAPSAALPKAT 60

DB 1 MATLIVKDNPPSSKSLASKGKLGKSSGVKALTEKLYSTFEVSGVSGAPGLPKAS 57

QY 61 PRALITVNPATEKSVKTNPPKQKOPSPSAKFMTEKTVTKSSVPASDADVAPELEKFFPE 120

DB 58 KKAIGIVNKKVTRKPKSSKPIQSKQPTLISVKKITTKSKRTQCSADPAIDDAVPELEKFFPE 117

QY 121 NLDESEFDLPEERQIAHPLISGVPLMLIDEGELEKLFQLGPPSPVKMPSPEWE 175

DB 118 DPLDESFDPPEHIOISLLPLNGVPLMLINEEPGIFLLHLDPPSPLOKFFLPWE 172

RESULT 11

US-09-777-422-14

Sequence 14, Application US/09777422



```

: Patent No. US2002/047162A1
: GENERAL INFORMATION
: APPLICANT: Anthony P. Heaney (Inventor)
: APPLICANT: Hiroki Ishikawa (Inventor)
: APPLICANT: Run Yu (Inventor)
: APPLICANT: Gregory A. Horwitz (Inventor)
: APPLICANT: Xun Zhang (Inventor)
: APPLICANT: Shlomo Melamed (Inventor)
: TITLE OF INVENTION: METHODS OF MODULATING ANGIOGENESIS BY
: TITLE OF INVENTION: REGULATING THE EXPRESSION OF PITUITARY TUMOR TRANSFORMING
: FILE REFERENCE: 18810-81104
: CURRENT APPLICATION NUMBER: US/09/777,422
: PRIORITY FILING DATE: 2001-02-05
: PRIOR APPLICATION NUMBER: 09/730,469
: PRIOR FILING DATE: 2000-12-04
: PRIOR APPLICATION NUMBER: 09/687,911
: PRIOR FILING DATE: 2000-10-13
: PRIOR APPLICATION NUMBER: 09/569,956
: PRIOR FILING DATE: 2000-05-12
: PRIOR APPLICATION NUMBER: 08/894,251
: PRIOR FILING DATE: 1999-07-23
: PRIOR APPLICATION NUMBER: PCT/US86/21463
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: 60/031,338
: PRIOR FILING DATE: 1996-11-21
: NUMBER OF SEQ ID NOS: 19
: SOFTWARE: FASTSEQ for Windows Version 4.0
: SEQ ID NO 14
: LENGTH: 194
: TYPE: PRT
: ORGANISM: Mus musculus
US-09-777-422-14

Query Match
Best Local Similarity 54.98; Score 542; DB 10; Length 194;
Matches 113; Conservative 22; Mismatches 34; Indels 6; Gaps 3;

QY 1 MATIYVKEIGEDGTGPAKDVLEKSRPSIKADICISOVLTFRFGKTDAPSAIPKAT 60
DB 1 MATIYVKEIGEDGTGPAKDVLEKSRPSIKADICISOVLTFRFGKTDAPSAIPKAT 60
QY 61 PRAIATVNRATERSVKTNQPPKQKQSPFSAKKMTFVTRSSVPSADVAYPEKEFFFP 120
DB 61 PRAIATVNRATERSVKTNQPPKQKQSPFSAKKMTFVTRSSVPSADVAYPEKEFFFP 120
QY 58 KKAICIVNKAHAKMKIKOKPQKOPTRTKKITEKSTIKQSSVPAUDDVAYPELEKFFFP 117
DB 58 KKAICIVNKAHAKMKIKOKPQKOPTRTKKITEKSTIKQSSVPAUDDVAYPELEKFFFP 117
QY 121 MLDEGELEKLFQGLFSGVPLMLDEGELEKLFQGLGPPSPVKMSPIWE 175
DB 121 MLDEGELEKLFQGLFSGVPLMLDEGELEKLFQGLGPPSPVKMSPIWE 175
DB 118 NPID---FDLEEHVLSILPLNVPLITILNEEPLFLHLGPPSPKLTFFLSWE 169

RESULT 12
US-09-777-422-9
: Sequence 9, Application US/09777422
: Patent No. US2002/047162A1
: GENERAL INFORMATION
: APPLICANT: Anthony P. Heaney (Inventor)
: APPLICANT: Hiroki Ishikawa (Inventor)
: APPLICANT: Run Yu (Inventor)
: APPLICANT: Gregory A. Horwitz (Inventor)
: APPLICANT: Xun Zhang (Inventor)
: APPLICANT: Shlomo Melamed (Inventor)
: TITLE OF INVENTION: METHODS OF MODULATING ANGIOGENESIS BY
: TITLE OF INVENTION: REGULATING THE EXPRESSION OF PITUITARY TUMOR TRANSFORMING
: FILE REFERENCE: 18810-81104
: CURRENT APPLICATION NUMBER: US/09/777,422
: PRIORITY FILING DATE: 2001-02-05
: PRIOR APPLICATION NUMBER: 09/730,469
: PRIOR FILING DATE: 2000-12-04
: PRIOR APPLICATION NUMBER: 09/687,911
: PRIOR FILING DATE: 2000-10-13
: PRIOR APPLICATION NUMBER: 09/569,956
: PRIOR FILING DATE: 2000-05-12
: PRIOR APPLICATION NUMBER: 08/894,251
: PRIOR FILING DATE: 1999-07-23
: PRIOR APPLICATION NUMBER: PCT/US86/21463
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: 60/031,338
: PRIOR FILING DATE: 1996-11-21
: NUMBER OF SEQ ID NOS: 19
: SOFTWARE: FASTSEQ for Windows Version 4.0
: SEQ ID NO 14
: LENGTH: 194
: TYPE: PRT
: ORGANISM: Mus musculus
US-09-777-422-14

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: PRIOR FILING DATE: 2000-05-12
: PRIOR APPLICATION NUMBER: 09/687,911
: PRIOR FILING DATE: 1999-07-23
: PRIOR APPLICATION NUMBER: PCT/US86/21463
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: 60/031,338
: PRIOR FILING DATE: 1996-11-21
: NUMBER OF SEQ ID NOS: 19
: SOFTWARE: FASTSEQ for Windows Version 4.0
: SEQ ID NO 9
: LENGTH: 56
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-777-422-9

Query Match
Best Local Similarity 16.24; Score 160; DB 10;
Matches 30; Conservative 0; Mismatches 20;

QY 147 MLDEGELEKLFQGLFSGVPLMLDEGELEKLFQGLGPPSPVKMSPIWE 178
DB 147 MLDEGELEKLFQGLFSGVPLMLDEGELEKLFQGLGPPSPVKMSPIWE 178

RESULT 13
US-09-777-422-16
: Sequence 16, Application US/09777422
: Patent No. US2002/047162A1
: GENERAL INFORMATION
: APPLICANT: Anthony P. Heaney (Inventor)
: APPLICANT: Hiroki Ishikawa (Inventor)
: APPLICANT: Run Yu (Inventor)
: APPLICANT: Gregory A. Horwitz (Inventor)
: APPLICANT: Xun Zhang (Inventor)
: APPLICANT: Shlomo Melamed (Inventor)
: TITLE OF INVENTION: METHODS OF MODULATING ANGIOGENESIS BY
: TITLE OF INVENTION: REGULATING THE EXPRESSION OF
: FILE REFERENCE: 18810-81104
: CURRENT APPLICATION NUMBER: US/09/777,422
: PRIORITY FILING DATE: 2001-02-05
: PRIOR APPLICATION NUMBER: 09/730,469
: PRIOR FILING DATE: 2000-12-04
: PRIOR APPLICATION NUMBER: 09/687,911
: PRIOR FILING DATE: 2000-10-13
: PRIOR APPLICATION NUMBER: 09/569,956
: PRIOR FILING DATE: 2000-05-12
: PRIOR APPLICATION NUMBER: 08/894,251
: PRIOR FILING DATE: 1999-07-23
: PRIOR APPLICATION NUMBER: PCT/US86/21463
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: 60/031,338
: PRIOR FILING DATE: 1996-11-21
: NUMBER OF SEQ ID NOS: 19
: SOFTWARE: FASTSEQ for Windows Version 4.0
: SEQ ID NO 16
: LENGTH: 56
: TYPE: PRT
: ORGANISM: Rattus rattus
US-09-777-422-16

Query Match
Best Local Similarity 42.14; Score 92; DB 10;
Matches 18; Conservative 4; Mismatches 8;

QY 147 MLDEGELEKLFQGLFSGVPLMLDEGELEKLFQGLGPPSPVKMSPIWE 175
DB 147 MLDEGELEKLFQGLFSGVPLMLDEGELEKLFQGLGPPSPVKMSPIWE 175

RESULT 14
US-09-777-422-17
: Sequence 17, Application US/09777422

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? Patent No. US2003147152A1
? GENERAL INFORMATION:
? APPLICANT: Anthony F. Heaney (Inventor)
? APPLICANT: Hiroki Ishikawa (Inventor)
? APPLICANT: Kun Yu (Inventor)
? APPLICANT: Gregory A. Horvitz (Inventor)
? APPLICANT: Xun Zhang (Inventor)
? APPLICANT: Shlomo Melmed (Inventor)
? TITLE OF INVENTION: METHODS OF MODULATING ANGIOGENESIS BY
? TITLE OF INVENTION: PROMOTING THE EXPRESSION OF PUTATIVE TUMOR TRANSFORMING
? TITLE OF INVENTION: GENE (PTTG)
? FILE REFERENCE: 18610-81104
? CURRENT APPLICATION NUMBER: US/09/777,422
? PRIOR FILING DATE: 2001-02-05
? PRIOR APPLICATION NUMBER: 09/730,469
? PRIOR FILING DATE: 2000-12-04
? PRIOR APPLICATION NUMBER: 09/687,911
? PRIOR FILING DATE: 2000-10-13
? PRIOR APPLICATION NUMBER: 09/569,956
? PRIOR FILING DATE: 2000-05-12
? PRIOR APPLICATION NUMBER: 08/894,251
? PRIOR FILING DATE: 1999-07-23
? PRIOR APPLICATION NUMBER: PCT/US85/21463
? PRIOR FILING DATE: 1997-11-21
? PRIOR APPLICATION NUMBER: 60/031,338
? PRIOR FILING DATE: 1996-11-21
? NUMBER OF SEQ ID NOS: 19
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 17
? LENGTH: 56
? TYPE: PRT
? ORGANISM: Mus musculus
US-09-777-422-17

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Query Match      8.7%; Score 86; DB 10; Length 56;
Best Local Similarity 63.0%; Pred. No. 0.055;
Matches 17; Conservative 2; Mismatches 8; Indels 0; Gaps 0;

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QY 149 LDECELEKLEKLGKPSVWKMSPWE 175
DB 3 LNERGIEKLEKLGKPSVWKMSPWE 29

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RESULT 15
US-09-923-684-4
? Sequence 4, Application US/09923684
? Patent No. US20020081613A1
? GENERAL INFORMATION:
? APPLICANT: Narayanan, Ramaswamy
? TITLE OF INVENTION: ASSOCIATION OF SIM2 WITH CANCER
? FILE REFERENCE: 6818-24
? CURRENT APPLICATION NUMBER: US/09/923,684
? CURRENT FILING DATE: 2001-09-17
? NUMBER OF SEQ ID NOS: 16
? SOFTWARE: PatentIn version 3.1
? SEQ ID NO 4
? LENGTH: 570
? TYPE: PRT
? ORGANISM: Homo sapiens
US-09-923-684-4

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Query Match      8.4%; Score 82.5; DB 10; Length 570;
Best Local Similarity 23.2%; Pred. No. 2.9;
Matches 43; Conservative 26; Mismatches 77; Indels 39; Gaps 7;

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QY 38 ISGVLPFRFGKTYDAPSAIPKATRKALGTVNRATEKSVKTNQPRKQDPSFARKK-TEK 96
DB 344 LEQVSTAKSDSWRTALSTQETRKLVKPKNTKMTKLTNTNYPPOQYSSFOMDKLECGQ 403
QY 97 TVKTKSVPAADVAPPTEKFF-PEMLIDFESDLPDEKQIALPLISG-----VPL 146
DB 404 LGWWRASPPASAAAPPELDQHSSESDLYTPSYSLPFSYHGHPLEDSHFSSKKKMLPA 463

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QY 147 MIDDEG---ELEKLEFOLGP-----SPVK-MPSPPWECNLEFAVSK 184
DB 464 KEDQDQESQEVVARRKLSIMPASQDQMHYANLVYSSSSPAKKNPPPP-----ANVAR 517
QY 185 HSYVP 189
DB 518 HSLVP 522

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Search completed: December 27, 2002, 00:20:16
Job time : 22 secs

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Genome version 5.1.3  
Copyright (c) 1993 - 2002 CompuGen Ltd.

OM protein - protein search using sw model

Run on: December 26, 2002, 23:14:04, Search time 240 Seconds

(without alignments)  
424.635 Million cell updates/sec

Title: US-09-854-326-64

Perfect score: 988  
Sequence: 1 MATLIVDKRIGPGTRVAA PWPQNIKAVSKHSVWGC 191

Scoring table: BLAST62  
Gapop 10.0, Gapext 0.5

Searched: 4569144 seqs, 64473110 residues

Total number of hits satisfying chosen parameters: 4569144

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database:

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2: /seq2_6/prodata/1/paa/US085_COMP.pep.*
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5: /seq2_6/prodata/1/paa/US087_COMP.pep.*
6: /seq2_6/prodata/1/paa/US087_COMP.pep.*
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27: /seq2_6/prodata/1/paa/US087_COMP.pep.*

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Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match length DB	ID	Description
1	988	100.0	191	Sequence 64, Appl
2	988	100.0	191	Sequence 64, Appl
3	988	100.0	191	Sequence 64, Appl
4	813	82.3	202	Sequence 4, Appl
5	813	82.3	202	Sequence 4, Appl
6	813	82.3	202	Sequence 69, Appl

7	813	82.3	202	US-09-569-956-4
8	813	82.3	202	US-09-687-911-4
9	813	82.3	202	US-09-730-469-4
10	813	82.3	202	US-09-777-422-4
11	813	82.3	202	US-09-849-624-19
12	813	82.3	202	US-09-854-326-4
13	813	82.3	202	US-09-902-941-1905
14	813	82.3	202	US-09-949-270-4
15	813	82.3	202	US-09-949-271-4
16	813	82.3	202	US-09-949-476-4
17	813	82.3	202	US-09-949-476-4
18	813	82.3	202	US-09-949-476-4
19	813	82.3	202	US-09-949-476-4
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21	813	82.3	202	US-09-949-476-4
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35	813	82.3	202	US-09-949-476-4
36	813	82.3	202	US-09-949-476-4
37	813	82.3	202	US-09-949-476-4
38	813	82.3	202	US-09-949-476-4
39	813	82.3	202	US-09-949-476-4
40	813	82.3	202	US-09-949-476-4
41	813	82.3	202	US-09-949-476-4
42	813	82.3	202	US-09-949-476-4
43	813	82.3	202	US-09-949-476-4
44	813	82.3	202	US-09-949-476-4
45	813	82.3	202	US-09-949-476-4

## ALIGNMENTS

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RESULT 1
PCT-0501-15254-64
GENERAL INFORMATION:
  APPLICANT: Celera Strategic Medical Center (Applicant)
  APPLICANT: Anthony P. Moody (Inventor)
  APPLICANT: Gregory A. D. East (Inventor)
  APPLICANT: Xue Chao (Inventor)
  APPLICANT: Shihao Melnick (Inventor)
  TITLE OF INVENTION: TRANSCRIPTIONAL REGULATION OF CELLULAR PHENOTYPE AND GROWTH
  TITLE OF INVENTION: TRANSCRIPTIONAL REGULATION OF CELLULAR PHENOTYPE AND GROWTH
  TITLE OF INVENTION: TRANSCRIPTIONAL REGULATION OF CELLULAR PHENOTYPE AND GROWTH
  FILE REFERENCE: 18610-81401
  CURRENT APPLICATION NUMBER: PCT/US01/15254
  PRIOR FILING DATE: 2001-05-12
  PRIOR APPLICATION NUMBER: US 09/777,422
  PRIOR FILING DATE: 2001-02-15
  PRIOR APPLICATION NUMBER: US 09/777,422
  PRIOR FILING DATE: 2000-12-04
  PRIOR APPLICATION NUMBER: US 09/687,911
  PRIOR FILING DATE: 2000-10-11
  PRIOR APPLICATION NUMBER: US 09/687,911
  PRIOR FILING DATE: 2000-05-12
  PRIOR APPLICATION NUMBER: US 09/687,911
  NUMBER OF SEQ ID NOS: 68
  SOFTWARE: FASTSEQ for Windows Version 4.0
  SEQ ID NO: 64
  LENGTH: 191

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;      TYPE: PR1
;      ORGANISM: Homo sapiens
PCT-US01-15254-64

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Query Match	100.0%	Score 388	DB 1	Length 191
Best Local Similarity	100.0%	Prod. NO. 1.6c-93		
Matches 191	Conservative 0	Mismatches 0	Indels 0	Caps 0

QY	1	MALLIYVKEIEEPISPAVADIVIKIESPSIALMISAVTIPROKYNAPSMIPAT	60
Db	1	MALLIYVKEIEEPISPAVADIVIKIESPSIALMISAVTIPROKYNAPSMIPAT	60
QY	1	MALLIYVKEIEEPISPAVADIVIKIESPSIALMISAVTIPROKYNAPSMIPAT	60
Db	1	MALLIYVKEIEEPISPAVADIVIKIESPSIALMISAVTIPROKYNAPSMIPAT	60
QY	61	PAALJIVNAPAKSVIKIOLTPROKYNAPSMIPAT	120
Db	61	PAALJIVNAPAKSVIKIOLTPROKYNAPSMIPAT	120
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Db	61	PAALJIVNAPAKSVIKIOLTPROKYNAPSMIPAT	120
QY	121	NILDESPULPEERQIALLPLSIVPMILDEBIELEKULOGPPSYVKKPSPMPCNLEA	180
Db	121	NILDESPULPEERQIALLPLSIVPMILDEBIELEKULOGPPSYVKKPSPMPCNLEA	180

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RESULT 2
PCT-0501-15437-64
Sequence 64, Application PCT/US2001/017437
GENERAL INFORMATION:
APPLICANT: Cedars-Sinai Medical Center (Applicant)
APPLICANT: Anthony P. Hoaneey (Inventor)
APPLICANT: Hiroshi Ishikawa (Inventor)
APPLICANT: Run Yu (Inventor)
APPLICANT: Gregory A. Horwitz (Inventor)
APPLICANT: Xun Zhang (Inventor)
APPLICANT: Shlomo Melmed (Inventor)
APPLICANT: Anthony P. Hoaneey (Inventor)
TITLE OF INVENTION: METHODS OF MODULATING ANDROGENESIS BY
REGULATING THE EXPRESSION OF PITUITARY TROPO TRANSFORMING
GROWTH FACTOR-1 (PTTG)
FILE REFERENCE: 18810-81110

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Query Match	100.0%;	Score 988;	DB 1;	Length 191;
Best Local Similarity	100.0%;	Pred. No. 1.6e-93;		
Matches 191;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	1	MATILVOKREIEPPTPAADVFKESPESSKALINGSVITLPPPTCTYPAASALPPAT	60
Db	1	MATILVOKREIEPPTKAAADVKAPSSPSKALAMTNSVITLPPPTCTYPAASALPPAT	60
QY	61	PAALGIVNAKPAKPSVA:MCPSAASQPSKAKM:LEKTVAKSSVAASDAVELEIKPPT	120
Db	61	PAALTVNAATEKSYKINGPCKQPSFSKAKMEKTVAKSSVAPSDDAVELEIKEPPE	120
QY	121	NILDPESHMLPPEKQALPLISCVPTMLDDBHELEKPLQDGPSPSVKMPSPPMKCNFA	180

D6	121	MADPFSHLPEKQIAHLPISGVVMIIPFHGALMLKQGPSVAMSPFWECNLA	183
QY	181	VSEKHSVDPGC	191
D6	181	VSEKHSVDPGC	191

```

1 RESULT 3
2 US 09 854 326-64
3 Sequence 64, Application US/09/854326
4
5 GENERAL INFORMATION:
6
7 APPLICANT: Tom R. Prezant (Inventor)
8 APPLICANT: Shlomo McInnes (Inventor)
9 APPLICANT: Anthony P. Heaney (Inventor)
10 TITLE OF INVENTION: METHOD OF REGULATING BIOLOGICAL ACTIVITY
11 TITLE OF INVENTION: OF PITUITARY TUMOR TRANSFORMING GENE (PTTG) USING PTTG
12 FILE REFERENCE: 19810-81401
13 CURRENT APPLICATION NUMBER: US/09/854,326
14 CURRENT FILING DATE: 2001-05-11
15 PRIOR APPLICATION NUMBER: US09/730,469
16 PRIOR FILING DATE: 2000-12-04
17 PRIOR APPLICATION NUMBER: US 09/667,911
18 PRIOR FILING DATE: 2000-10-13
19 PRIOR APPLICATION NUMBER: US 09/569,956
20 PRIOR FILING DATE: 2000-05-12
21 PRIOR APPLICATION NUMBER: US 08/854,251
22 PRIOR FILING DATE: 1999-07-23
23 PRTIC APPLICATION NUMBER: 19810/0386,21463
24 PRIOR FILING DATE: 1997-11-21
25 PRIOR APPLICATION NUMBER: US 60/031,338
26 PRIOR FILING DATE: 1996-11-21
27 NUMBER OF SEQ ID NOS: 68
28 SOFTWARE: FastSeq for Windows Version 4.0
29 SEQ ID NO 64
30 LENGTH: 191
31 TYPE: PRT
32 ORGANISM: Homo sapiens
33 US-09-854-326-64

```

Query Match:	100.0%;	Score 988;	DB 22;	Length 191;
Best Local Similarity	100.0%;	Pred. No. 1.6e-93;		
Matches 191, Conservative 0,	Mismatches 0,	Indels 0;	Caps 0;	

QY	1	MALLIVDEIEPPTFVAANDVLKLESPSIALGAGISQVLTPEFGTAYANALPKAT	60
Dh	1		
QY	61	KRALCTVNNKATKSVFNMOTPKNOVSTSAKMMLEKVNANSVASADVAATLALATP	120
QY	61	KRALCTVNNKATKSVFNMOTPKNOVSTSAKMMLEKVNANSVASADVAATLALATP	120
QY	121	NLLDESESLPEEROTAILPLSGVPLMLDEBELEKLTQLGSPSPVAMPSPME/NLFA	180
Dh	121	NLLDESESLPEEROTAILPLSGVPLMLDEBELEKLTQLGSPSPVAMPSPME/NLFA	180
QY	181	VSPKHSVDPGC 191	
QY	181	VSPKHSVDPGC 191	
Dh	181	VSPKHSVDPGC 191	

RESULT 4  
 PCT-US01-15254-A  
 Sequence 4, Application PC/TUS0115254  
 GENERAL INFORMATION:  
 APPLICANT: Cedars-Sinai Medical Center (Applicant)  
 APPLICANT: Anthony P. Heaney (Inventor)  
 APPLICANT: Gregory A. Horwitz (Inventor)  
 APPLICANT: Xun Zhang (Inventor)  
 APPLICANT: Shlomo Melmed (Inventor)  
 APPLICANT: Anthony P. Heaney (Inventor)  
 TITLE OF INVENTION: PITUITARY TUMOR TRANSFORMING GENE (PTTG)  
 TITLE OF INVENTION: CARBOXY-TERMINAL PEPTIDES AND METHODS OF USE THEREOF TO INHIBIT NEOPLASASTIC CELLULAR PROLIFERATION AND/OR

```

1 TITLE OF INVENTION: TRANSFORMATION
2 FILE REFERENCE: 18810-81401
3 CURRENT APPLICATION NUMBER: PCT/US01/15254
4 CURRENT FILING DATE: 2001-05-12
5 PRIOR APPLICATION NUMBER: US 09/777,422
6 PRIOR FILING DATE: 2001-02-05
7 PRIOR APPLICATION NUMBER: US 09/770,469
8 PRIOR FILING DATE: 2000-12-04
9 PRIOR APPLICATION NUMBER: US 09/687,911
10 PRIOR FILING DATE: 2000-10-13
11 PRIOR APPLICATION NUMBER: US 09/569,956
12 PRIOR FILING DATE: 2000-05-12
13 NUMBER OF SEQ ID NOS: 68
14 SOFTWARE: FASTSEQ for Windows Version 4.0
15 SEQ ID NO: 4
16 LENGTH: 202
17 TYPE: PRI
18 ORGANISM: Homo sapiens
19 PCT-0501-15254-4

```

```

Query Match 82.48; Score 813; DB 1; Length 202;
Host Local Similarity 91.08; Prod. No. 2.4e-75;
Matches 162; Conservative 1; Mismatches 15; Gaps 0.

```

```

QY 1 MATIIVYKELGEGTIVAAKIVIKIESPSIKALDLSQVLEPPKPTKIDAVSAIPKAT 60
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 1 MATIIVYKELGEGTIVAAKIVIKIESPSIKALDLSQVLEPPKPTKIDAVSAIPKAT 60
QY 61 PPAITVNPATERKSVTNPPVAKVSTSAKEMTEKTVKSSVPSADAVPEIEKTVPP 120
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 61 PPAITVNPATERKSVTNPPVAKVSTSAKEMTEKTVKSSVPSADAVPEIEKTVPP 120
QY 121 NLDFESFDLPEEPQIAHPLPSVPLMLDDESELEKLPVSPSPVKMSPWENL 178
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 121 NLDFESFDLPEEPQIAHPLPSVPLMLDDESELEKLPVSPSPVKMSPWENL 178

```

```

RESULT 5
PCT-0501-15437-4
1 Sequence 4; Application PC/TUS0115437
2 GENERAL INFORMATION:
3 APPLICANT: Cedars-Sinai Medical Center (Applicant)
4 APPLICANT: Anthony P. Heaney (Inventor)
5 APPLICANT: Hiroki Ishikawa (Inventor)
6 APPLICANT: Run Yu (Inventor)
7 APPLICANT: Gregory A. Horwitz (Inventor)
8 APPLICANT: Xun Zhang (Inventor)
9 APPLICANT: Shlomo Melmed (Inventor)
10 APPLICANT: Anthony P. Heaney (Inventor)
11 TITLE OF INVENTION: METHODS OF MODULATING ANGIOGENESIS BY
12 TITLE OF INVENTION: REGULATING THE EXPRESSION OF PITUITARY TUMOR TRANSFORMING
13 FILE REFERENCE: 18810-81110
14 CURRENT APPLICATION NUMBER: PCT/US01/15437
15 PRIOR APPLICATION NUMBER: US 09/777,422
16 PRIOR FILING DATE: 2001-02-05
17 PRIOR APPLICATION NUMBER: US 09/770,469
18 PRIOR FILING DATE: 2000-12-04
19 PRIOR APPLICATION NUMBER: US 09/687,911
20 PRIOR FILING DATE: 2000-10-13
21 PRIOR APPLICATION NUMBER: US 09/569,956
22 PRIOR FILING DATE: 2000-05-12
23 NUMBER OF SEQ ID NOS: 68
24 SOFTWARE: FASTSEQ for Windows Version 4.0
25 SEQ ID NO: 4
26 LENGTH: 202
27 TYPE: PRI
28 ORGANISM: Homo sapiens
29 PCT-0501-15437-4

```

```

Query Match 82.38; Score 813; DB 1; Length 202;
Host Local Similarity 91.08; Prod. No. 2.4e-75;

```

```

Matches 162; Conservative 1; Mismatches 15; Gaps 0.
QY 1 MATIIVYKELGEGTIVAAKIVIKIESPSIKALDLSQVLEPPKPTKIDAVSAIPKAT 60
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 1 MATIIVYKELGEGTIVAAKIVIKIESPSIKALDLSQVLEPPKPTKIDAVSAIPKAT 60
QY 61 PPAITVNPATERKSVTNPPVAKVSTSAKEMTEKTVKSSVPSADAVPEIEKTVPP 120
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 61 PPAITVNPATERKSVTNPPVAKVSTSAKEMTEKTVKSSVPSADAVPEIEKTVPP 120
QY 121 NLDFESFDLPEEPQIAHPLPSVPLMLDDESELEKLPVSPSPVKMSPWENL 178
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 121 NLDFESFDLPEEPQIAHPLPSVPLMLDDESELEKLPVSPSPVKMSPWENL 178

```

```

RESULT 6
US-09-001-403-69
1 Sequence 69; Application US/ 01403
2 GENERAL INFORMATION:
3 APPLICANT: Lal, Prady
4 APPLICANT: Bandman, John
5 APPLICANT: Hillman, Jennifer L.
6 APPLICANT: Au-Yang, Janyou
7 APPLICANT: Tang, Y. Jim
8 APPLICANT: Yoo, Henry
9 APPLICANT: Shah, Parv
10 APPLICANT: Chealey, Paul D.
11 APPLICANT: Corley, Neil G.
12 TITLE OF INVENTION: BRAIN ADAPTATORY PROTEINS
13 NUMBER OF SEQUENCES: 150
14 CORRESPONDENCE ADDRESS:
15 ADDRESSER: INCYTE PHARMA/BIOPHARM, INC
16 STREET: 3174 PETER DRIVE
17 CITY: PALO ALTO
18 STATE: CALIFORNIA
19 COUNTRY: USA
20 ZIP: 94304
21 COMPUTER READABLE FORM:
22 MEDIUM TYPE: Floppy disk
23 COMPUTER: IBM PC compatible
24 OPERATING SYSTEM: MS-DOS/MS-WIN
25 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS
26 CURRENT APPLICATION DATA:
27 APPLICATION NUMBER: US/09/001,403
28 FILING DATE: HERREWITH
29 CLASSIFICATION:
30 ATTORNEY/AGENT INFORMATION:
31 NAME: HILLINGS, DREW J
32 REGISTRATION NUMBER: 36,749
33 REFERENCE/DOCKET NUMBER: IF 0455 US
34 TELECOMMUNICATION INFORMATION:
35 TELEPHONE: (650) 855-0555
36 TELEFAX: (650) 845-4166
37 INFORMATION FOR SEQ ID NOS: 69:
38 SEQUENCE CHARACTERISTICS:
39 LENGTH: 202 amino acids
40 TYPE: amino acid
41 STRANDEDNESS: single
42 TOPOLOGY: linear
43 IMMEDIATE SOURCE:
44 LIBRARY: GVAR10001
45 CLONE: 3257165
46 US-09-001-403-69

```

```

Query Match 82.44; Score 813; DB 1;
Host Local Similarity 91.08; Prod. No. 2.4e-75;
Matches 162; Conservative 1; Mismatches 15; Gaps 0.

```

```

QY 1 MATIIVYKELGEGTIVAAKIVIKIESPSIKALDLSQVLEPPKPTKIDAVSAIPKAT 60
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 1 MATIIVYKELGEGTIVAAKIVIKIESPSIKALDLSQVLEPPKPTKIDAVSAIPKAT 60
QY 61 PPAITVNPATERKSVTNPPVAKVSTSAKEMTEKTVKSSVPSADAVPEIEKTVPP 120
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 61 PPAITVNPATERKSVTNPPVAKVSTSAKEMTEKTVKSSVPSADAVPEIEKTVPP 120
QY 121 NLDFESFDLPEEPQIAHPLPSVPLMLDDESELEKLPVSPSPVKMSPWENL 178
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 121 NLDFESFDLPEEPQIAHPLPSVPLMLDDESELEKLPVSPSPVKMSPWENL 178

```



QY 121 NLLPESFDLPEHQJAHLPJLSCVPIIMLDDHDEKIKLJFQJGPPSVKMPSPWMECNL 178  
 DB 121 NLLPESFDLPEHQJAHLPJLSCVPIIMLDDHDEKIKLJFQJGPPSVKMPSPWMECNL 178

RESULT 10

US-09-777-422-4

Sequence 4. Application US/09777422  
 GENERAL INFORMATION:  
 APPLICANT: Anthony P. Heaney (Inventor)  
 APPLICANT: Hiroki Ishikawa (Inventor)  
 APPLICANT: Kun Yu (Inventor)  
 APPLICANT: Gregory A. Horwitz (Inventor)  
 APPLICANT: Xun Zhao (Inventor)  
 APPLICANT: Shlomo Melmed (Inventor)  
 TITLE OF INVENTION: METHODS OF MODULATING ANGIOGENESIS BY  
 REGULATING THE EXPRESSION OF PITUITARY TUMOR TRANSFORMING  
 GROWTH FACTOR (TGF- $\alpha$ )  
 FILE REFERENCE: 18810-81104  
 CURRENT APPLICATION NUMBER: US 09/777 422  
 PRIORITY FILING DATE: 2001-02-05  
 PRIORITY APPLICATION NUMBER: 09/773 469  
 PRIORITY FILING DATE: 2000-12-04  
 PRIORITY APPLICATION NUMBER: 09/587 911  
 PRIORITY FILING DATE: 2000-10-13  
 PRIORITY APPLICATION NUMBER: 09/569 956  
 PRIORITY FILING DATE: 2000-05-12  
 PRIORITY APPLICATION NUMBER: 09/594 251  
 PRIORITY FILING DATE: 1999-07-23  
 PRIORITY APPLICATION NUMBER: 09/086 21463  
 PRIORITY FILING DATE: 1997-11-21  
 PRIORITY APPLICATION NUMBER: 60/931 348  
 PRIORITY FILING DATE: 1996-11-21  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO: 4  
 LENGTH: 202  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-777-422-4

Query Match: 62.4%, Score 813, DB 21, Length 202,  
 Best Local Similarity: 91.0%, Prod. No. 2.4e-75,  
 Matches 162, Conservative 1, Mismatches 15, Indels 0, Gaps 0;

QY 1 MATIYVKEIGEGPVTAAKDVTKIESPSTKALDNTISQVLTIPRKGTYNAPSAIPKAT 60  
 DB 1 MATIYVKEIGEGPVTAAKDVTKIESPSTKALDNTISQVLTIPRKGTYNAPSAIPKAT 60  
 QY 61 KKAIVNPAFATERSVKTNGSPKQKQPSAKKMTKTKTKSSVPASDDAYEIEKFFPF 120  
 DB 61 KKAIVNPAFATERSVKTNGSPKQKQPSAKKMTKTKTKSSVPASDDAYEIEKFFPF 120  
 QY 121 NLLPESFDLPEHQJAHLPJLSCVPIIMLDDHDEKIKLJFQJGPPSVKMPSPWMECNL 178  
 DB 121 NLLPESFDLPEHQJAHLPJLSCVPIIMLDDHDEKIKLJFQJGPPSVKMPSPWMECNL 178

RESULT 11

US-09-849-626-1905

Sequence 1905. Application US/09849626  
 GENERAL INFORMATION:  
 APPLICANT: Banquet, Chaitanya  
 APPLICANT: Banquet, Gary  
 APPLICANT: Wang, Aijun  
 APPLICANT: Wang, Jiongong  
 APPLICANT: Switzer, Anne  
 APPLICANT: McNeill, Patricia  
 APPLICANT: Chappert, Jonathan  
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
 PREVENTION OF HUMAN PAPILLOMAVIRUS-INDUCED CANCER  
 FILE REFERENCE: 210121.478616

CURRENT APPLICATION NUMBER: US/09/849-626  
 CURRENT FILING DATE: 2001-05-04  
 NUMBER OF SEQ ID NOS: 1926  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO: 1905  
 LENGTH: 202  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-849-626-1905

Query Match: 62.4%, Score 813, DB 21,  
 Best Local Similarity: 91.0%, Prod. No. 2.4e-75,  
 Matches 162, Conservative 1, Mismatches 15;

QY 1 MATIYVKEIGEGPVTAAKDVTKIESPSTKALDNTISQVLTIPRKGTYNAPSAIPKAT 60  
 DB 1 MATIYVKEIGEGPVTAAKDVTKIESPSTKALDNTISQVLTIPRKGTYNAPSAIPKAT 60  
 QY 61 KKAIVNPAFATERSVKTNGSPKQKQPSAKKMTKTKTKSSVPASDDAYEIEKFFPF 120  
 DB 61 KKAIVNPAFATERSVKTNGSPKQKQPSAKKMTKTKTKSSVPASDDAYEIEKFFPF 120  
 QY 121 NLLPESFDLPEHQJAHLPJLSCVPIIMLDDHDEKIKLJFQJGPPSVKMPSPWMECNL 178  
 DB 121 NLLPESFDLPEHQJAHLPJLSCVPIIMLDDHDEKIKLJFQJGPPSVKMPSPWMECNL 178

RESULT 12

US-09-854-326-4

Sequence 4. Application US/09854326  
 GENERAL INFORMATION:  
 APPLICANT: John R. Prezant (Inventor)  
 APPLICANT: Shlomo Melmed (Inventor)  
 APPLICANT: Anthony P. Heaney (Inventor)  
 TITLE OF INVENTION: METHODS OF MODULATING ANGIOGENESIS BY  
 REGULATING THE EXPRESSION OF PITUITARY TUMOR TRANSFORMING  
 GROWTH FACTOR (TGF- $\alpha$ )  
 FILE REFERENCE: 18810-81104  
 CURRENT APPLICATION NUMBER: US 09/777 422  
 PRIORITY FILING DATE: 2001-02-05  
 PRIORITY APPLICATION NUMBER: 09/773 469  
 PRIORITY FILING DATE: 2000-12-04  
 PRIORITY APPLICATION NUMBER: 09/587 911  
 PRIORITY FILING DATE: 2000-10-13  
 PRIORITY APPLICATION NUMBER: 09/569 956  
 PRIORITY FILING DATE: 2000-05-12  
 PRIORITY APPLICATION NUMBER: 09/594 251  
 PRIORITY FILING DATE: 1999-07-23  
 PRIORITY APPLICATION NUMBER: 09/086 21463  
 PRIORITY FILING DATE: 1997-11-21  
 PRIORITY APPLICATION NUMBER: 60/931 348  
 PRIORITY FILING DATE: 1996-11-21  
 NUMBER OF SEQ ID NOS: 66  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO: 4  
 LENGTH: 202  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-854-326-4

Query Match: 62.4%, Score 813, DB 21,  
 Best Local Similarity: 91.0%, Prod. No. 2.4e-75,  
 Matches 162, Conservative 1, Mismatches 15;

QY 1 MATIYVKEIGEGPVTAAKDVTKIESPSTKALDNTISQVLTIPRKGTYNAPSAIPKAT 60  
 DB 1 MATIYVKEIGEGPVTAAKDVTKIESPSTKALDNTISQVLTIPRKGTYNAPSAIPKAT 60  
 QY 61 KKAIVNPAFATERSVKTNGSPKQKQPSAKKMTKTKTKSSVPASDDAYEIEKFFPF 120  
 DB 61 KKAIVNPAFATERSVKTNGSPKQKQPSAKKMTKTKTKSSVPASDDAYEIEKFFPF 120  
 QY 121 NLLPESFDLPEHQJAHLPJLSCVPIIMLDDHDEKIKLJFQJGPPSVKMPSPWMECNL 178  
 DB 121 NLLPESFDLPEHQJAHLPJLSCVPIIMLDDHDEKIKLJFQJGPPSVKMPSPWMECNL 178

DB 121 NPLDFESFLPEHIOAHILPLSGVPLMLDDEBELEKLFQJGPPSPVKMSPFWESNL 178

## RESULT 13

US-09-949-270-4

Sequence 1905: Application US/099492941

GENERAL INFORMATION:

APPLICANT: Henderson, Robert A.

APPLICANT: Wada, Tomohiro

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Johnson, Jeffrey C.

APPLICANT: Ketter, Marc W.

APPLICANT: Marnetakis, Margarita

APPLICANT: Carter, Darick

APPLICANT: Fanger, Gary R.

APPLICANT: Vedvick, Thomas S.

APPLICANT: Banour, Chailanya S.

APPLICANT: McNabb, Andrea

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

TITLE OF INVENTION: AND DIAGNOSTIC OF LUNG CANCER

FILE REFERENCE: 210121.478C17

CURRENT APPLICATION NUMBER: US/09/9492941

CURRENT FILING DATE: 2001-07-10

NUMBER OF SEQ ID NOS: 2002

SOFTWARE: FASTSQ for Windows Version 4.0

SEQ ID NO: 1905

LENGTH: 202

TYPE: PRT

ORGANISM: Homo sapiens

US-09-949-270-4

Query Match

Best local similarity 91.0% Score 813; DB 23; Length 202;

Matches 162; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

DB 121 NPLDFESFLPEHIOAHILPLSGVPLMLDDEBELEKLFQJGPPSPVKMSPFWESNL 178

US-09-949-270-4

Sequence 4: Application US/09949270

GENERAL INFORMATION:

APPLICANT: Shlomo Melmed (Inventor)

APPLICANT: Lin Pei (Inventor)

TITLE OF INVENTION: RAT PTHrP RECEPTOR AND METHOD FOR

FILE REFERENCE: 18810-81106

CURRENT APPLICATION NUMBER: US/09/949270

CURRENT FILING DATE: 2001-09-07

PRIOR APPLICATION NUMBER: US/09/949270

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: US 08/894,251

PRIOR FILING DATE: 1996-07-23

PRIOR APPLICATION NUMBER: US 60/031,338

PRIOR FILING DATE: 1996-11-21

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FASTSQ for Windows Version 4.0

SEQ ID NO: 4

LENGTH: 202

TYPE: PRT

ORGANISM: Homo sapiens

US-09-949-270-4

Query Match 82.3% Score 813; DB 23; Length 202;  
Best local similarity 91.0% Pred. No. 2.4e-75;  
Matches 162; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

DB 121 NPLDFESFLPEHIOAHILPLSGVPLMLDDEBELEKLFQJGPPSPVKMSPFWESNL 178

US-09-949-271-4

Sequence 4: Application US/09949271

GENERAL INFORMATION:

APPLICANT: Shlomo Melmed (Inventor)

APPLICANT: Lin Pei (Inventor)

TITLE OF INVENTION: THE PRESENCE OF RAT PTHrP PEPTIDE IN A SAMPLE

TITLE OF INVENTION: THE PRESENCE OF RAT PTHrP PEPTIDE IN A SAMPLE

FILE REFERENCE: 18810-81108

CURRENT APPLICATION NUMBER: US/09/949271

CURRENT FILING DATE: 2001-09-07

PRIOR APPLICATION NUMBER: US/09/949271

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: US 08/894,251

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: US 60/031,338

PRIOR FILING DATE: 1996-11-21

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FASTSQ for Windows Version 4.0

SEQ ID NO: 4

LENGTH: 202

TYPE: PRT

ORGANISM: Homo sapiens

US-09-949-271-4

Query Match

Best local similarity 91.0% Score 813; DB 23; Length 202;

Matches 162; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

DB 121 NPLDFESFLPEHIOAHILPLSGVPLMLDDEBELEKLFQJGPPSPVKMSPFWESNL 178

US-09-949-271-4

Sequence 4: Application US/09949271

GENERAL INFORMATION:

APPLICANT: Shlomo Melmed (Inventor)

APPLICANT: Lin Pei (Inventor)

TITLE OF INVENTION: RAT PTHrP RECEPTOR AND METHOD FOR

FILE REFERENCE: 18810-81106

CURRENT APPLICATION NUMBER: US/09/949271

CURRENT FILING DATE: 2001-09-07

PRIOR APPLICATION NUMBER: US/09/949271

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: US 08/894,251

PRIOR FILING DATE: 1996-07-23

PRIOR APPLICATION NUMBER: US 60/031,338

PRIOR FILING DATE: 1996-11-21

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FASTSQ for Windows Version 4.0

SEQ ID NO: 4

LENGTH: 202

TYPE: PRT

ORGANISM: Homo sapiens

US-09-949-271-4

Search completed: December 27, 2002, 00:18:41  
Job time: 292 secs



GenCore version 5.1.3  
Copyright (c) 1993 - 2002 CompuGen Ltd

OM protein - protein search, using sw model

Run on: December 27, 2002. 60:07:04. Search time: 33 seconds

(without all updates)  
402.024 million cell updates/sec

Title: US-09-854-326-64  
Perfect score - 988

Sequence: 1 MALLTYVDKRLGPIRVAA.....PPWHCNLFVVS<sup>3</sup>KHSVDPGC 191

### Scoring table

Searched: 252184 eggs. 64459,81 positions

Total number of hits satisfying chosen parameters: 252184

Total number of hits satisfying chosen parameters: 252184

Maximum OH seq length: 2

Maximum job seq length: 2000000000

Post-processing: Minimum Match 08

Listing first 45 summaries

**Database**

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1: /com/6/product/12/paa/qcl_NIW_COMB.pcp: *
2: /com/6/product/12/paa/qcl_NIW_COMB.pcp: *
3: /com/6/product/12/paa/qcl_NIW_COMB.pcp: *
4: /com/6/product/12/paa/qcl_NIW_COMB.pcp: *
5: /com/6/product/12/paa/qcl_NIW_COMB.pcp: *
6: /com/6/product/12/paa/qcl_NIW_COMB.pcp: *
7: /com/6/product/12/paa/qcl_NIW_COMB.pcp: *
```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

## SUMMARY

Result No.	Score	Query Match	Length	IR	ITD	Description
1	813	82.3	202	1	107-0502-31777-1905	Sequence 1, Appl Sequence 4, Appl
2	813	82.3	202	1	05-10-254-372.4	Sequence 2, Appl Sequence 4, Appl
3	813	82.3	202	6	05-10-283-771.4	Sequence 4, Appl Sequence 4, Appl
4	813	82.3	202	6	05-10-283-797.4	Sequence 4, Appl Sequence 4, Appl
5	813	82.3	202	6	05-10-283-876.4	Sequence 4, Appl Sequence 4, Appl
6	813	82.3	202	6	05-10-284-126.4	Sequence 4, Appl Sequence 4, Appl
7	813	82.3	202	6	05-10-284-017.1905	Sequence 4, Appl Sequence 1905, Appl
8	813	82.3	202	6	05-10-283-874.4	Sequence 4, Appl Sequence 2, Appl
9	572.5	57.9	199	6	05-10-284-372.2	Sequence 2, Appl Sequence 2, Appl
10	572.5	57.9	199	6	05-10-283-771.2	Sequence 2, Appl Sequence 2, Appl
11	572.5	57.9	199	6	05-10-283-797.2	Sequence 2, Appl Sequence 2, Appl
12	572.5	57.9	199	6	05-10-283-876.2	Sequence 2, Appl Sequence 2, Appl
13	572.5	57.9	199	6	05-10-284-126.2	Sequence 2, Appl Sequence 2, Appl
14	572.5	57.9	199	6	05-10-284-874.2	Sequence 2, Appl Sequence 2, Appl
15	542	54.9	194	6	05-10-284-372.5	Sequence 2, Appl Sequence 2, Appl
16	542	54.9	194	6	05-10-283-771.14	Sequence 14, Appl Sequence 14, Appl
17	542	54.9	194	6	05-10-283-797.14	Sequence 14, Appl Sequence 14, Appl
18	542	54.9	194	6	05-10-283-876.14	Sequence 14, Appl Sequence 14, Appl
19	542	54.9	194	6	05-10-284-126.14	Sequence 14, Appl Sequence 14, Appl
20	542	54.9	194	6	05-10-284-874.14	Sequence 14, Appl Sequence 14, Appl
21	466	47.2	124	6	05-09-513-5990.4933	Sequence 14, Appl Sequence 4933, Appl
22	160	16.2	56	6	05-10-283-771.9	Sequence 9, Appl Sequence 9, Appl
23	160	16.2	56	6	05-10-283-797.9	Sequence 9, Appl Sequence 9, Appl
24	160	16.2	56	6	05-10-283-876.9	Sequence 9, Appl Sequence 9, Appl
25	160	16.2	56	6	05-10-284-126.9	Sequence 9, Appl Sequence 9, Appl
26	160	16.2	56	6	05-10-284-874.9	Sequence 9, Appl Sequence 9, Appl

## ALIGNMENTS

27	92.5	9.4	1.2	fact1050.2-3615.5	1.4
28	92.2	9.3	1.6	fact10-283-771.1	1.4
29	92.2	9.3	1.6	fact10-283-797.1	1.6
30	92.2	9.3	1.6	fact10-283-876.1	1.6
31	92.2	9.3	1.6	fact10-283-126.1	1.6
32	92.2	9.3	1.6	fact10-283-874.1	1.6
33	89.5	9.1	1.6	fact09-224-676.5	1.6
34	89.5	9.1	1.6	fact09-224-676.5	1.6
35	87.5	8.9	1.6	fact0802-3615.1	1.4
36	86	8.7	1.6	fact10-283-771.1	1.7
37	86	8.7	1.6	fact10-283-797.1	1.7
38	86	8.7	1.6	fact10-283-876.1	1.7
39	86	8.7	1.6	fact10-283-126.1	1.7
40	86	8.7	1.6	fact10-283-874.1	1.7
41	84	8.5	1.6	fact1050.2-3615.5	1.4
42	83.5	8.4	1.6	fact09-224-676.5	1.6
43	83.5	8.4	1.6	fact09-224-676.5	1.6
44	83.5	8.4	1.6	fact09-224-676.5	1.6
45	83.5	8.4	1.6	fact09-224-676.5	1.6

RESULT  
PCI-US02-34777-1905

; GENERAL INFORMATION:

APPLICANT: HENDERSON, ROBERT A.

APPLICANT: Matsuda, Yoshitaka  
AFFILIANT: Kairos Ministries

ALLIANCE: Stealth, Pa. 1 k.

APPLICANT: Durham, Margaret

APPLICANT: Fanger, Judy K.

APPLICANT: Banque, (Haiti) S. S.

TITLE OF INVENTION: COMPOSILINS AND METHOD

FILE REFERENCE: 210121.47803P

CURRENT FILING DATE: 2002-10-28

SOFTWARE. FASTSHQ FOR WINDOWS VERSION 4  
 SEP 10 NO 1905

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; LENGTH: 202
; TYPE: PRT
;

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ORGANISM: HOMO SAPIENS  
PC1-US02-34777-1905

Query Match	42.48	Score 81
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Maldives 162, Conservative 11, Mismis-

1. МАТИЙВИНДОНОВ, Г. В. А. В. К. П. Р. П. С. I

MAIL: YVONKENGU@KVAKIMILK.ESPSI

61 PKA1:GTVPATEKCVNIN<sup>1</sup>PIK<sup>1</sup>PKLIPESAKK<sup>1</sup>

THE  
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OF  
AMERICA  
NATIONAL  
ASSOCIATION  
OF  
BANKS  
AND  
TRUST  
COMPANIES  
OF  
AMERICA  
INCORPORATED  
IN  
NEW YORK  
STATE  
CAPITAL  
PAID UP  
\$100,000,000  
RESERVE  
FUND  
\$100,000,000  
TOTAL ASSETS  
\$1,000,000,000  
TOTAL LIABILITIES  
\$1,000,000,000  
TOTAL CAPITAL  
\$1,000,000,000  
TOTAL RESERVE  
FUND  
\$100,000,000  
TOTAL ASSETS  
\$1,000,000,000  
TOTAL LIABILITIES  
\$1,000,000,000  
TOTAL CAPITAL  
\$1,000,000,000  
TOTAL RESERVE  
FUND  
\$100,000,000

2000

DD 12 MEDICAL BRANCH, MEDICAL DEPARTMENT

## RESULTS

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US-10-264-372-4
? Sequence 4, Application US/10264372
? GENERAL INFORMATION:
? APPLICANT: Anthony P. Heaney (Inventor)
? APPLICANT: Shlomo Melmed (Inventor)
? TITLE OF INVENTION: Transgenic Cells Transfected with Pituitary
? TITLE OF INVENTION: Tumor Transforming Gene (PTTG) Expressive Vectors
? FILE REFERENCE: 1810-82251
? CURRENT APPLICATION NUMBER: US/10-264,372
? PRIOR FILING DATE: 2002-10-04
? PRIOR APPLICATION NUMBER: US 09/854,326
? PRIOR FILING DATE: 2001-05-11
? PRIOR APPLICATION NUMBER: US 09/777,422
? PRIOR FILING DATE: 2001-02-05
? PRIOR APPLICATION NUMBER: US 09/730,469
? PRIOR FILING DATE: 2000-012-04
? PRIOR APPLICATION NUMBER: US 09/687,911
? PRIOR FILING DATE: 2000-10-13
? PRIOR APPLICATION NUMBER: US 09/569,956
? PRIOR FILING DATE: 2000-05-12
? PRIOR APPLICATION NUMBER: US 08/894,251
? PRIOR FILING DATE: 1999-07-23
? PRIOR APPLICATION NUMBER: PCT/US97/21463
? PRIOR FILING DATE: 1997-11-21
? PRIOR APPLICATION NUMBER: US 60/031,338
? PRIOR FILING DATE: 1996-11-21
? NUMBER OF SEQ ID NOS: 6
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 4
? LENGTH: 202
? TYPE: PRT
? ORGANISM: Homo sapiens
US-10-264-372-4

Query Match      82.3% Score 813; DB 6; Length 202;
Host Local Similarity 91.0%; Pred. No. 5,6e-65;
Matches 162; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

QY 1 MATLIYVKEIGEPGTRVAKADVLKLESRPSKALDGIISQVLTPEFGKTYDAPALPRAT 60
DB 1 MATLIYVDKNEHPEPTGVVAKK21KQDSQSKALDQSSQVSPFPGKTPVAVPALPRAT 60

QY 61 KKAIGIVNVAIKSVKINCPKQKQSSAKKMKIKTKSSVAVSADAVPEIEKPEPF 120
DB 61 KKAIGIVNVAIKSVKTKPKLQKQPSFSAKKMKTEKTVAKSSVPASDVAPEIEKPEPF 120

QY 121 NLDFESFDLPEERQIAHLPLISGVPLMTIDDEGELEKLFULGPPSPVMPSPWECNL 178
DB 121 NLDFESFDLPEERQIAHLPLISGVPLMTIDDEGELEKLFULGPPSPVMPSPWECNL 178

RESULT 3
US-10-283-771-4
? Sequence 4, Application US/10283771
? GENERAL INFORMATION:
? APPLICANT: Cedars-Sinai Medical Center (Assignee);
? APPLICANT: Gregory A. Horvitz (Inventor);
? APPLICANT: Shlomo Melmed (Inventor);
? APPLICANT: Xun Zhang (Inventor);
? TITLE OF INVENTION: Pituitary Tumor Transforming Gene (PTTG)
? TITLE OF INVENTION: Carboxy-Terminal Peptides and Methods of Use Thereof to
? TITLE OF INVENTION: Inhibit Neoplastic Cellular Proliferation and/or
? FILE REFERENCE: CEDE-044527
? CURRENT APPLICATION NUMBER: US/10-283,771
? PRIOR FILING DATE: 2002-10-29
? PRIOR APPLICATION NUMBER: US/09/569,956
? PRIOR FILING DATE: 2000-05-12
? PRIOR APPLICATION NUMBER: US 08/894,251
? PRIOR FILING DATE: 1999-07-23
? PRIOR APPLICATION NUMBER: PCT/US97/21463
? PRIOR FILING DATE: 1996-11-21

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```

US-10-283-771-4
? Sequence 4, Application US/10283771
? GENERAL INFORMATION:
? APPLICANT: Cedars-Sinai Medical Center (Assignee);
? APPLICANT: Gregory A. Horvitz (Inventor);
? APPLICANT: Shlomo Melmed (Inventor);
? APPLICANT: Xun Zhang (Inventor);
? TITLE OF INVENTION: Pituitary Tumor Transforming Gene (PTTG)
? TITLE OF INVENTION: Carboxy-Terminal Peptides and Methods of Use Thereof to
? TITLE OF INVENTION: Inhibit Neoplastic Cellular Proliferation and/or
? FILE REFERENCE: CEDE-044527
? CURRENT APPLICATION NUMBER: US/10-283,771
? PRIOR FILING DATE: 2002-10-29
? PRIOR APPLICATION NUMBER: US/09/569,956
? PRIOR FILING DATE: 2000-05-12
? PRIOR APPLICATION NUMBER: US 08/894,251
? PRIOR FILING DATE: 1999-07-23
? PRIOR APPLICATION NUMBER: PCT/US97/21463
? PRIOR FILING DATE: 1996-11-21

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? PRIOR APPLICATION NUMBER: US 60/031,338
? PRIOR FILING DATE: 1996-11-21
? NUMBER OF SEQ ID NOS: 19
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 4
? LENGTH: 202
? TYPE: PRT
? ORGANISM: Homo sapiens
US-10-283-771-4

Query Match      82.3% Score 813; DB 6; Length 202;
Host Local Similarity 91.0%; Pred. No. 5,6e-65;
Matches 162; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

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QY 1 MATLIYVKEIGEPGTRVAKADVLKLESRPSKALDGIISQVLTPEFGKTYDAPALPRAT 60
DB 1 MATLIYVDKNEHPEPTGVVAKK21KQDSQSKALDQSSQVSPFPGKTPVAVPALPRAT 60

QY 61 KKAIGIVNVAIKSVKINCPKQKQSSAKKMKIKTKSSVAVSADAVPEIEKPEPF 120
DB 61 KKAIGIVNVAIKSVKTKPKLQKQPSFSAKKMKTEKTVAKSSVPASDVAPEIEKPEPF 120

QY 121 NLDFESFDLPEERQIAHLPLISGVPLMTIDDEGELEKLFULGPPSPVMPSPWECNL 178
DB 121 NLDFESFDLPEERQIAHLPLISGVPLMTIDDEGELEKLFULGPPSPVMPSPWECNL 178

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RESULT 4
US-10-283-797-4
? Sequence 4, Application US/10283797
? GENERAL INFORMATION:
? APPLICANT: Cedars-Sinai Medical Center (Assignee);
? APPLICANT: Gregory A. Horvitz (Inventor);
? APPLICANT: Shlomo Melmed (Inventor);
? TITLE OF INVENTION: Pituitary Tumor Transforming Gene (PTTG)
? TITLE OF INVENTION: Carboxy-Terminal Peptides and Methods of Use Thereof to
? TITLE OF INVENTION: Inhibit Neoplastic Cellular Proliferation and/or
? FILE REFERENCE: CEDAR-044527
? CURRENT APPLICATION NUMBER: US/10-283,797
? PRIOR FILING DATE: 2002-10-29
? PRIOR APPLICATION NUMBER: US/09/569,956
? PRIOR FILING DATE: 2000-05-12
? PRIOR APPLICATION NUMBER: US 08/894,251
? PRIOR FILING DATE: 1999-07-23
? PRIOR APPLICATION NUMBER: PCT/US97/21463
? PRIOR FILING DATE: 1997-11-21
? PRIOR APPLICATION NUMBER: US 60/031,338
? PRIOR FILING DATE: 1996-11-21
? NUMBER OF SEQ ID NOS: 19
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 4
? LENGTH: 202
? TYPE: PRT
? ORGANISM: Homo sapiens
US-10-283-797-4

Query Match      82.3% Score 813; DB 6; Length 202;
Host Local Similarity 91.0%; Pred. No. 5,6e-65;
Matches 162; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

```

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QY 1 MATLIYVKEIGEPGTRVAKADVLKLESRPSKALDGIISQVLTPEFGKTYDAPALPRAT 60
DB 1 MATLIYVDKNEHPEPTGVVAKK21KQDSQSKALDQSSQVSPFPGKTPVAVPALPRAT 60

QY 61 KKAIGIVNVAIKSVKINCPKQKQSSAKKMKIKTKSSVAVSADAVPEIEKPEPF 120
DB 61 KKAIGIVNVAIKSVKTKPKLQKQPSFSAKKMKTEKTVAKSSVPASDVAPEIEKPEPF 120

QY 121 NLDFESFDLPEERQIAHLPLISGVPLMTIDDEGELEKLFULGPPSPVMPSPWECNL 178
DB 121 NLDFESFDLPEERQIAHLPLISGVPLMTIDDEGELEKLFULGPPSPVMPSPWECNL 178

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RESULT 5  
US-10-283-876-4

Sequence 4: Application US/10283876

GENERAL INFORMATION:

APPLICANT: Cedars-Sinai Medical Center (Assignee):

APPLICANT: Gregory A. Horwitz (Inventor):

APPLICANT: Xun Zhang (Inventor):

APPLICANT: Shimo Meined (Inventor)

TITLE OF INVENTION: Pituitary Tumor Transforming Gene (PTTG)

TITLE OF INVENTION: Carboxy-Terminal Peptides and Methods of Use Thereof to

TITLE OF INVENTION: Inhibit Neoplastic Cellular Proliferation and/or

TITLE OF INVENTION: Transformation

FILE REFERENCE: CDAR-044527

CURRENT APPLICATION NUMBER: US/10/283,876

PRIOR FILING DATE: 2002-10-29

PRIOR APPLICATION NUMBER: US/09/569,956

PRIOR FILING DATE: 2000-05-12

PRIOR APPLICATION NUMBER: US 08/894,251

PRIOR FILING DATE: 1999-07-23

PRIOR APPLICATION NUMBER: PCT/US97/21463

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: US 60/031,338

PRIOR FILING DATE: 1996-11-21

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 4

LENGTH: 202

TYPE: PRT

ORGANISM: Homo sapiens

US-10-283-876-4

Query Match

Best Local Similarity 91.08; Score 813; DB 6; Length 202;

Matches 162; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

QY 1 MATIYVDEKEIGEPSTVAAKDVLEKESPSIKALDISQVLTPREKTYDAPSAIPKAT 60  
DB 1 MATIYVDEKENGCHIVANVANDIKQSPSTKALIDPSVSTIPPECKITDADPAIPKAT 60  
QY 61 KRALGVNPAATKSVKTNQPKPKQPSFSAKKMKTEKTVTFSSVPAASQVYPTKFFFPF 120  
DB 61 KRALGVNPAATKSVKTNQPKPKQPSFSAKKMKTEKTVTFSSVPAASQVYPTKFFFPF 120  
QY 121 NLLDFESTDLPEHQIAHPLSVPLMLIDDEKELEKLPGLPPSPVKME SPWESNL 178  
DB 121 NLLDFESTDLPEHQIAHPLSVPLMLIDDEKELEKLPGLPPSPVKME SPWESNL 178

RESULT 6

US-10-284-126-4

Sequence 4: Application US/10284126

GENERAL INFORMATION:

APPLICANT: Cedars-Sinai Medical Center (Assignee):

APPLICANT: Gregory A. Horwitz (Inventor):

APPLICANT: Xun Zhang (Inventor):

APPLICANT: Shimo Meined (Inventor)

TITLE OF INVENTION: Pituitary Tumor Transforming Gene (PTTG)

TITLE OF INVENTION: Carboxy-Terminal Peptides and Methods of Use Thereof to

TITLE OF INVENTION: Inhibit Neoplastic Cellular Proliferation and/or

TITLE OF INVENTION: Transformation

FILE REFERENCE: CDAR-044527

CURRENT APPLICATION NUMBER: US/10/284,126

PRIOR FILING DATE: 2002-10-29

PRIOR APPLICATION NUMBER: US/09/569,956

PRIOR FILING DATE: 2000-05-12

PRIOR APPLICATION NUMBER: US 08/894,251

PRIOR FILING DATE: 1999-07-23

PRIOR APPLICATION NUMBER: PCT/US97/21463

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: US 60/031,338

PRIOR FILING DATE: 1996-11-21

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 4

LENGTH: 202

TYPE: PRT

ORGANISM: Homo sapiens

US-10-284-126-4

Query Match

Best Local Similarity 91.08; Score 813; DB 6;

Matches 162; Conservative 1; Mismatches 15;

QY 1 MATIYVDEKEIGEPSTVAAKDVLEKESPSIKALDISQVLTPREKTYDAPSAIPKAT 60  
DB 1 MATIYVDEKENGCHIVANVANDIKQSPSTKALIDPSVSTIPPECKITDADPAIPKAT 60  
QY 61 KRALGVNPAATKSVKTNQPKPKQPSFSAKKMKTEKTVTFSSVPAASQVYPTKFFFPF 120  
DB 61 KRALGVNPAATKSVKTNQPKPKQPSFSAKKMKTEKTVTFSSVPAASQVYPTKFFFPF 120  
QY 121 NLLDFESTDLPEHQIAHPLSVPLMLIDDEKELEKLPGLPPSPVKME SPWESNL 178  
DB 121 NLLDFESTDLPEHQIAHPLSVPLMLIDDEKELEKLPGLPPSPVKME SPWESNL 178

RESULT 7

US-10-283-017-1905

Sequence 1905: Application US/1028017

GENERAL INFORMATION:

APPLICANT: Henderson, Robert A.

APPLICANT: Wang, Tongtong

APPLICANT: Watanabe, Yoshinobu

APPLICANT: Kalos, Michael D.

APPLICANT: Steath, Paul K.

APPLICANT: Johnson, Jeffrey A.

APPLICANT: Kelley, Marc W.

APPLICANT: Durham, Maratilia

APPLICANT: Carter, Darick

APPLICANT: Fanger, Gary K.

APPLICANT: Vedrick, Thomas S.

APPLICANT: Bangert, Chantanya S.

APPLICANT: McNabb, Andria

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE

TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF LUNG CANCER

FILE REFERENCE: 210121.478730

CURRENT APPLICATION NUMBER: US/10/283,017

PRIOR FILING DATE: 2002-10-28

NUMBER OF SEQ ID NOS: 2107

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 1905

LENGTH: 202

TYPE: PRT

ORGANISM: Homo sapiens

US-10-283-017-1905

Query Match

Best Local Similarity 91.08; Score 813; DB 6;

Matches 162; Conservative 1; Mismatches 15;

QY 1 MATIYVDEKEIGEPSTVAAKDVLEKESPSIKALDISQVLTPREKTYDAPSAIPKAT 60  
DB 1 MATIYVDEKENGCHIVANVANDIKQSPSTKALIDPSVSTIPPECKITDADPAIPKAT 60  
QY 61 KRALGVNPAATKSVKTNQPKPKQPSFSAKKMKTEKTVTFSSVPAASQVYPTKFFFPF 120  
DB 61 KRALGVNPAATKSVKTNQPKPKQPSFSAKKMKTEKTVTFSSVPAASQVYPTKFFFPF 120  
QY 121 NLLDFESTDLPEHQIAHPLSVPLMLIDDEKELEKLPGLPPSPVKME SPWESNL 178  
DB 121 NLLDFESTDLPEHQIAHPLSVPLMLIDDEKELEKLPGLPPSPVKME SPWESNL 178

RESULT 8

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US-10-283-874-4
: Sequence 4, Application US/10283874
: GENERAL INFORMATION:
: APPLICANT: Cedars Sinai Medical Center (Assignee);
: APPLICANT: Gregory A Horwitz (Inventor);
: APPLICANT: Xun Zhang (Inventor);
: APPLICANT: Shlomo Melmed (Inventor)
: TITLE OF INVENTION: pituitary tumor transforming Gene (PTTG)
: TITLE OF INVENTION: Carboxy-Terminal Peptides and Methods of Use Thereof to
: TITLE OF INVENTION: Inhibit Neoplastic Cellular Proliferation and/or
: FILE REFERENCE: CDBAR-044527
: CURRENT APPLICATION NUMBER: US/10/283,874
: PRIORITY FILING DATE: 2002-10-29
: PRIOR APPLICATION NUMBER: US-66-569,956
: PRIOR FILING DATE: 2000-05-12
: PRIOR APPLICATION NUMBER: US-68/894,251
: PRIOR FILING DATE: 1999-07-23
: PRIOR APPLICATION NUMBER: US-68/894,251
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: US-60/031,338
: PRIOR FILING DATE: 1996-11-21
: NUMBER OF SEQ ID NOS: 19
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO: 4
: LENGTH: 202
: TYPE: PRT
: ORGANISM: Homo sapiens
US-10-283-874-4

Query Match
Host local Similarity 82.3%; Score 813; DB 6; Length 202;
Host local Similarity 91.0%; Pred. No. 5,66-65;
Matches 162; Conservative 1; Mismatches 15; Indels 0; Gaps 0,

QY 1 MATLYVEKEIEEPITPAVAKVTLKEESPISIKALISQVLTPEFGKYDAPSLPKAT 60
DB 1 MATLYVKEKNCNPGIIVAVANIKELKSGPSKALIGSGVSTPEFGKSTPAIPALPKAT 60

QY 61 KRALGIVNATKESVKTNPFGKQPPSSAKKMTKTKYTKSSVAPASDVAPELEKFPPE 120
DB 61 PRAIVTNVATKESVKTNPFGKQPPSSAKKMTKTKYTKSSVAPASDVAPELEKFPPE 120

QY 121 NLDEPESFDLPERRQIAHLPLSGVPLMLIDEGELEKLFQUGPSPVKMSPPE 178
DB 121 NLDEPESFDLPERRQIAHLPLSGVPLMLIDEGELEKLFQUGPSPVKMSPPE 178

RESULT 9
US-10-264-372-2
: Sequence 2, Application US/10264372
: GENERAL INFORMATION:
: APPLICANT: Anthony F. Heaney (Inventor)
: APPLICANT: Shlomo Melmed (Inventor)
: TITLE OF INVENTION: Transgenic Cells Transfected with pituitary
: TITLE OF INVENTION: tumor transforming Gene (PTTG) Expression Vectors
: FILE REFERENCE: 18810-82251
: CURRENT APPLICATION NUMBER: US/10/264,372
: PRIORITY FILING DATE: 2002-10-04
: PRIOR APPLICATION NUMBER: US-09/854,326
: PRIOR FILING DATE: 2001-05-11
: PRIOR APPLICATION NUMBER: US-09/777,422
: PRIOR FILING DATE: 2001-02-02
: PRIOR APPLICATION NUMBER: US-09/730,469
: PRIOR FILING DATE: 2000-012-04
: PRIOR APPLICATION NUMBER: US-09/687,911
: PRIOR FILING DATE: 2000-10-13
: PRIOR APPLICATION NUMBER: US-09/569,956
: PRIOR FILING DATE: 2000-05-12
: PRIOR APPLICATION NUMBER: US-08/894,251
: PRIOR FILING DATE: 1999-07-23
: PRIOR APPLICATION NUMBER: PCT/US97/21463
: PRIOR FILING DATE: 1997-11-21

```

```

: PRIOR APPLICATION NUMBER: US 60/031,338
: PRIOR FILING DATE: 1996-11-21
: NUMBER OF SEQ ID NOS: 6
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO: 2
: LENGTH: 199
: TYPE: PRT
: ORGANISM: Rattus rattus
US-10-264-372-2

Query Match
Host local Similarity 57.9%; Score 572.5; DB 6; Length 199;
Host local Similarity 66.9%; Pred. No. 1,36-43;
Matches 117; Conservative 21; Mismatches 34; Indels 3; Gaps 2;

QY 1 MATLYVEKEIEEPITPAVAKVTLKEESPISIKALISQVLTPEFGKYDAPSLPKAT 60
DB 1 MATLYVKEKNCNPGIIVAVANIKELKSGPSKALIGSGVSTPEFGKSTPAIPALPKAT 60

QY 61 KRALGIVNATKESVKTNPFGKQPPSSAKKMTKTKYTKSSVAPASDVAPELEKFPPE 120
DB 61 PRAIVTNVATKESVKTNPFGKQPPSSAKKMTKTKYTKSSVAPASDVAPELEKFPPE 120

QY 121 NLDEPESFDLPERRQIAHLPLSGVPLMLIDEGELEKLFQUGPSPVKMSPPE 175
DB 121 NLDEPESFDLPERRQIAHLPLSGVPLMLIDEGELEKLFQUGPSPVKMSPPE 175

RESULT 10
US-10-283-771-2
: Sequence 2, Application US/10283771
: GENERAL INFORMATION:
: APPLICANT: Cedars Sinai Medical Center (Assignee);
: APPLICANT: Gregory A. Horwitz (Inventor);
: APPLICANT: Xun Zhang (Inventor);
: APPLICANT: Shlomo Melmed (Inventor)
: TITLE OF INVENTION: pituitary tumor transforming Gene (PTTG)
: TITLE OF INVENTION: Carboxy-Terminal Peptides and Methods of Use Thereof to
: TITLE OF INVENTION: Inhibit Neoplastic Cellular Proliferation and/or
: FILE REFERENCE: CEDAR-044527
: CURRENT APPLICATION NUMBER: US-10-283,771
: PRIORITY FILING DATE: 2002-10-29
: PRIOR APPLICATION NUMBER: US-09/569,956
: PRIOR FILING DATE: 2000-05-12
: PRIOR APPLICATION NUMBER: US-68/894,251
: PRIOR FILING DATE: 1999-07-23
: PRIOR APPLICATION NUMBER: PCT/US97/21463
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: US-60/031,338
: PRIOR FILING DATE: 1996-11-21
: NUMBER OF SEQ ID NOS: 19
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO: 2
: LENGTH: 199
: TYPE: PRT
: ORGANISM: Rattus rattus
US-10-283-771-2

```



```

RESULT 14
US-10-283-874 2
: Sequence 2: Application US/10263874
: GENERAL INFORMATION:
: APPLICANT: Cedars Sinai Medical Center (Assignee);
: APPLICANT: Gregory A. Horwitz (Inventor);
: APPLICANT: Kun Zhang (Inventor);
: APPLICANT: Shlomo Melamed (Inventor);
: TITLE OF INVENTION: Pituitary Tumor Transforming Gene (PTTG)
: TITLE OF INVENTION: Carboxy-Terminal Peptides and Methods of Use Thereof to
: TITLE OF INVENTION: Inhibit Neoplastic Cellular Proliferation and/or
: FILE REFERENCE: CEMAR 944527
: CURRENT APPLICATION NUMBER: US/10/283-874
: PRIORITY FILING DATE: 2002-10-29
: PRIOR APPLICATION NUMBER: US/09/569-956
: PRIOR FILING DATE: 2000-05-12
: PRIOR APPLICATION NUMBER: US 08/894,251
: PRIOR FILING DATE: 1999-07-23
: PRIOR APPLICATION NUMBER: US 99/00347,234
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: US 50/031,338
: PRIOR FILING DATE: 1996-11-21
: NUMBER OF SEQ ID NOS: 19
: SOFTWARE: FASTSD for Windows Version 4.0
: SEQ ID NO: 2
: LENGTH: 199
: TYPE: PRT
: ORGANISM: Rattus norvegicus
US-10-283-874-2

```

```

Query Match          57.9%; Score 572.5; DB 6; Length 199;
Best Local Similarity 66.9%; Pred. No. 1,3e-43;
Matches 117; Conservative 21; Mismatches 34; Indels 3; Gaps 2;

```

```

QY 1 MATLIVVDKRIEIGDTIRVAKVYLKLESPSTKALDGIQVLTPEFGKTYDAPSAIPKAT 60
DB 1 MATLIVVDKRIEIGDTIRVAKVYLKLESPSTKALDGIQVLTPEFGKTYDAPSAIPKAT 60
QY 61 RKALGVNVAFTKSVNTNPFKQKQPSFSKAKTEKTYKIKSSVPASDANPEIEKFTFF 120
DB 61 RKALGVNVAFTKSVNTNPFKQKQPSFSKAKTEKTYKIKSSVPASDANPEIEKFTFF 120
QY 121 NLIDFESFDLPERRQIAHLPIISGVPLMLIDDEGELKLPOLGPISPVAKMSIPWFE 175
DB 121 NLIDFESFDLPERRQIAHLPIISGVPLMLIDDEGELKLPOLGPISPVAKMSIPWFE 175
QY 118 DPLDFESFDLPERRQIAHLPIISGVPLMLIDDEGELKLPOLGPISPVAKMSIPWFE 172
DB 118 DPLDFESFDLPERRQIAHLPIISGVPLMLIDDEGELKLPOLGPISPVAKMSIPWFE 172

```

RESULT 15

```

US-10-264-372-5
: Sequence 5: Application US/10264372
: GENERAL INFORMATION:
: APPLICANT: Anthony P. Heaney (Inventor)
: APPLICANT: Shlomo Melamed (Inventor)
: TITLE OF INVENTION: Transgenic Cells Transfected with Pituitary
: TITLE OF INVENTION: Tumor Transforming Gene (PTTG) Expression Vectors
: FILE REFERENCE: 18810-82251
: CURRENT APPLICATION NUMBER: US/10/264-372
: PRIORITY FILING DATE: 2002-10-04
: PRIOR APPLICATION NUMBER: US 09/854,326
: PRIOR FILING DATE: 2001-05-11
: PRIOR APPLICATION NUMBER: US 09/777,422
: PRIOR FILING DATE: 2001-02-05
: PRIOR APPLICATION NUMBER: US 09/730,469
: PRIOR FILING DATE: 2000-01-04
: PRIOR APPLICATION NUMBER: US 09/687,911
: PRIOR FILING DATE: 2000-10-13
: PRIOR APPLICATION NUMBER: US 09/569,956
: PRIOR FILING DATE: 2000-05-12
: PRIOR APPLICATION NUMBER: US 08/894,251
: PRIOR FILING DATE: 1999-07-23
: PRIOR APPLICATION NUMBER: PCT/US97/01453

```

```

: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: US 60/031,338
: PRIOR FILING DATE: 1996-11-21
: NUMBER OF SEQ ID NOS: 6
: SOFTWARE: FASTSD for Windows Version 4.0
: SEQ ID NO: 5
: LENGTH: 194
: TYPE: PRT
: ORGANISM: Mus musculus
US-10-264-372-5

```

```

Query Match          54.9%; Score 542; DB 6; Length 194;
Best Local Similarity 64.6%; Pred. No. 6.5e-41;
Matches 113; Conservative 22; Mismatches 34; Indels 6; Gaps 4;

```

```

QY 1 MATLIVVDKRIEIGDTIRVAKVYLKLESPSTKALDGIQVLTPEFGKTYDAPSAIPKAT 60
DB 1 MATLIVVDKRIEIGDTIRVAKVYLKLESPSTKALDGIQVLTPEFGKTYDAPSAIPKAT 60
QY 61 RKALGVNVAFTKSVNTNPFKQKQPSFSKAKTEKTYKIKSSVPASDANPEIEKFTFF 120
DB 61 RKALGVNVAFTKSVNTNPFKQKQPSFSKAKTEKTYKIKSSVPASDANPEIEKFTFF 120
QY 121 NLIDFESFDLPERRQIAHLPIISGVPLMLIDDEGELKLPOLGPISPVAKMSIPWFE 175
DB 121 NLIDFESFDLPERRQIAHLPIISGVPLMLIDDEGELKLPOLGPISPVAKMSIPWFE 175
QY 118 DPLDFESFDLPERRQIAHLPIISGVPLMLIDDEGELKLPOLGPISPVAKMSIPWFE 172
DB 118 DPLDFESFDLPERRQIAHLPIISGVPLMLIDDEGELKLPOLGPISPVAKMSIPWFE 172

```

Search completed: December 27, 2002, 00:19:34  
Job time : 34 secs